



THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
[MAINTENANCE,
REPAIR AND
OPERATIONS]

46







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LIVE CENTERS AND TOOL POSTS

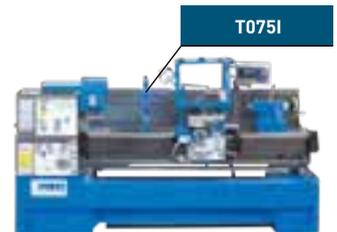
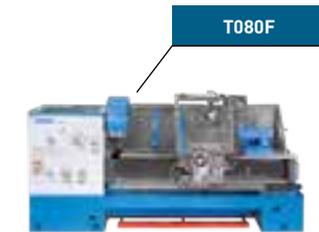
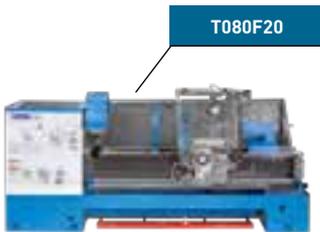
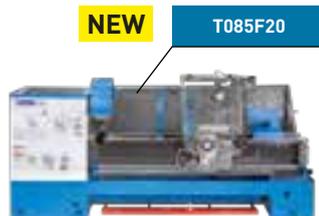
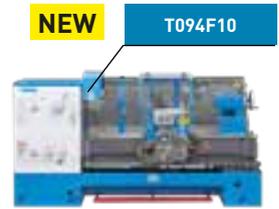
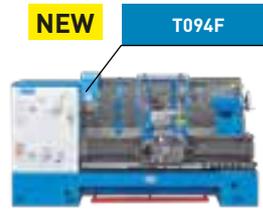
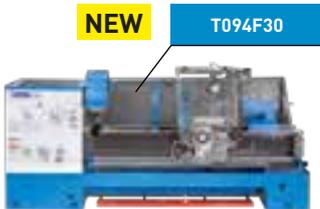
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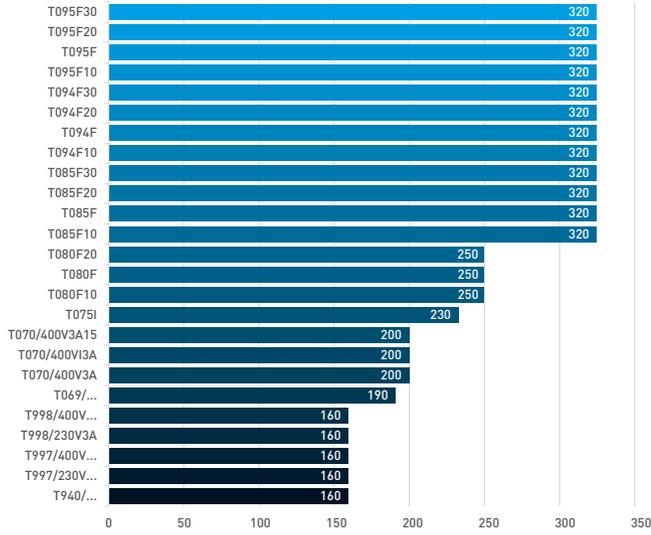
PROFESSIONAL LATHE



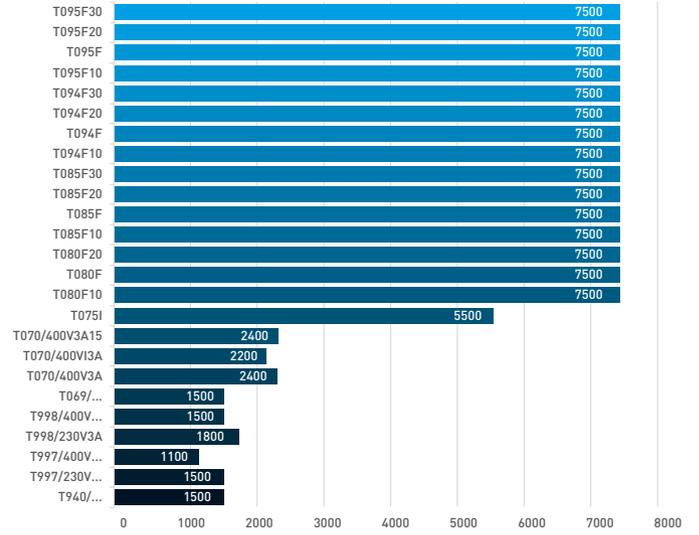


PROFESSIONAL LATHE

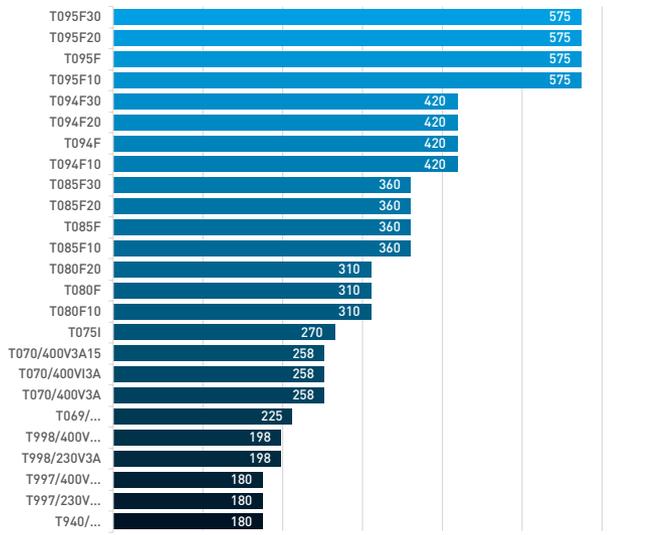
Spindle diameter (mm)



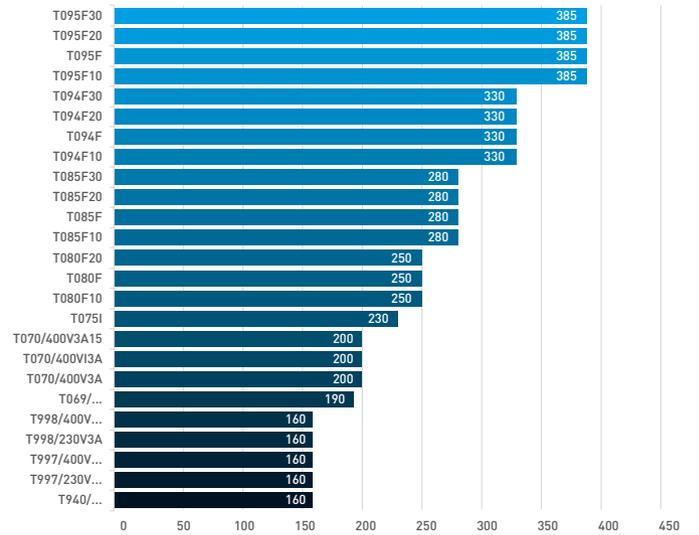
Power (W)



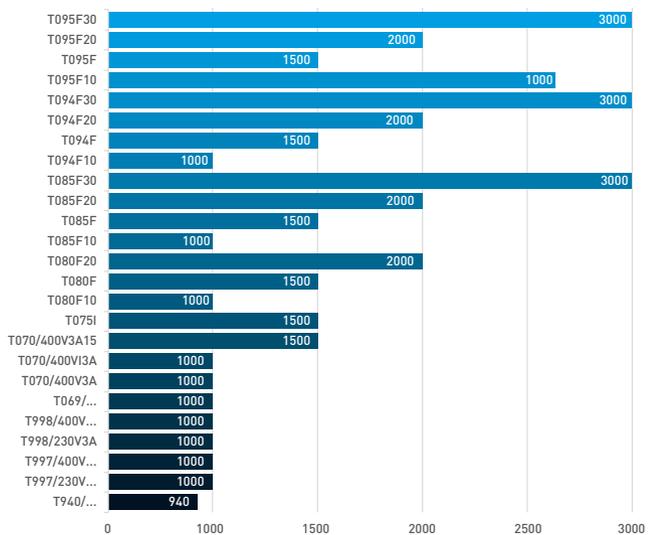
Max swing over the cross slide (mm)



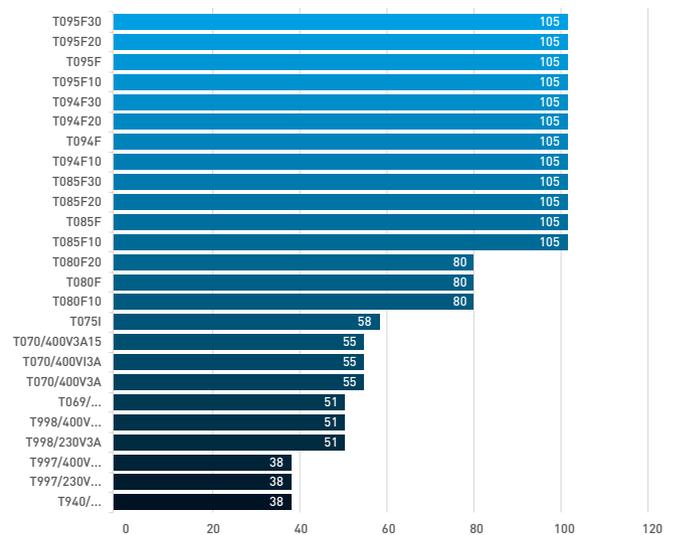
Centers height (mm)



Distance between centers (mm)

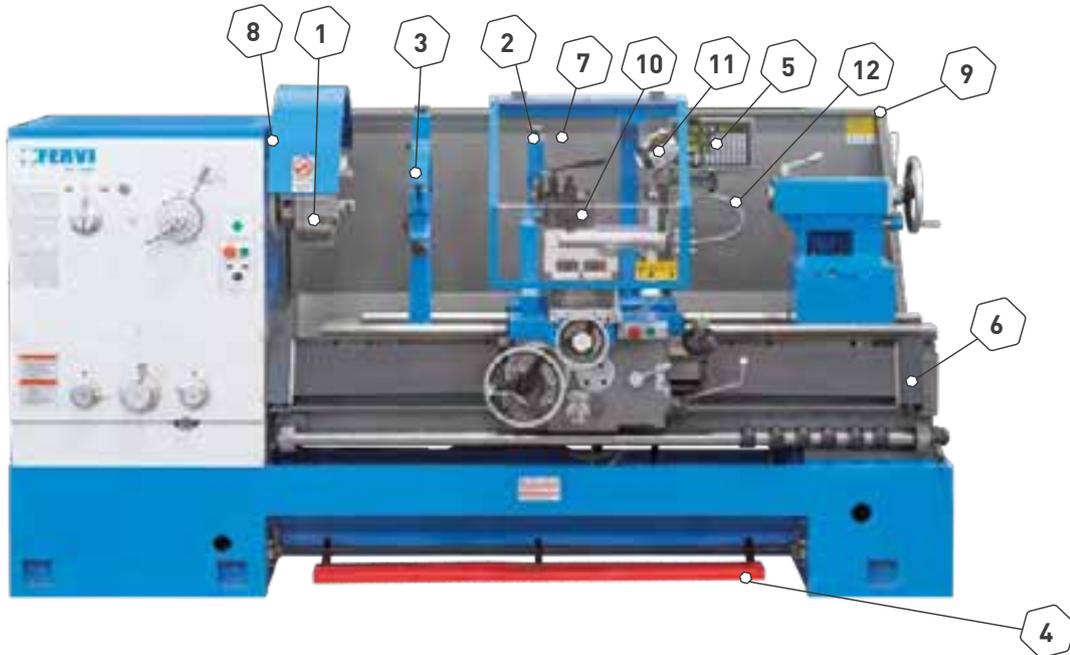


Spindle bore (mm)



T095Fx
NEW
GEAR HEAD LATHE WITH READOUT

With mechanical spindle clutch and 3 axis readout, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base. Also available in 60 Hz version.



- 1** Self centering chuck 3+3
Ø 320 mm
- 2** Follow rest
- 3** Steady rest
- 4** Foot brake
- 5** 3 Axis readout
- 6** Leadscrew hood
- 7** Tool post safeguard
- 8** Chuck safeguard
- 9** Full length splash guard
- 10** Quick change tool post
- 11** Working lamp
- 12** Cooling system

INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 320 mm
- 4 independent jaw chuck Ø 400 mm
- Face plate Ø 600 mm
- Follow rest
- Steady rest
- Live center MT 5
- Thread dial
- Leadscrew hood
- Tool post guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

Art.	T095F10	NEW	T095F	T095F20	NEW	T095F30	NEW
Centers height	385 mm		385 mm	385 mm		385 mm	
Max swing over the bed	770 mm		770 mm	770 mm		770 mm	
Max swing over the cross slide	575 mm		575 mm	575 mm		575 mm	
Max swing over the gap	1050 mm		1050 mm	1050 mm		1050 mm	
Tool height	32 mm		32 mm	32 mm		32 mm	
Distance between centers	1000 mm		1500 mm	2000 mm		3000 mm	
Spindle bore	105 mm		105 mm	105 mm		105 mm	
Spindle nose Camlock	Camlock D1-8		Camlock D1-8	Camlock D1-8		Camlock D1-8	
Spindle speed	(12) 36 ÷ 1600 rpm		(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm		(12) 36 ÷ 1600 rpm	
Longitudinal feeds	0,063 ÷ 2,52 mm/rev		0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev		0,063 ÷ 2,52 mm/rev	
Cross feeds	0,027 ÷ 1,07 mm/rev		0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev		0,027 ÷ 1,07 mm/rev	
Metric threads	(22) 1 ÷ 14 mm		(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm		(22) 1 ÷ 14 mm	
Inch threads	(26) 2 ÷ 28 TPI		(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI		(26) 2 ÷ 28 TPI	
Tailstock taper MT	5		5	5		5	
Motor	400V 50/60 Hz 7,5 kW		400V 50 Hz 7,5 kW	400V 50/60 Hz 7,5 kW		400V 50/60 Hz 7,5 kW	
Cooling pump	400V 50/60 Hz 90 W		400V 50 Hz 90 W	400V 50/60 Hz 90 W		400V 50/60 Hz 90 W	
Dimensions	2500 x 1550 x 1700 mm		3000 x 1550 x 1700 mm	3500 x 1550 x 1700 mm		4500 x 1550 x 1700 mm	
Net weight	3250 Kg		3560 kg	3950 Kg		4050 Kg	



T094Fx
NEW
GEAR HEAD LATHE WITH READOUT

With mechanical spindle clutch and 3 axis readout, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base. Also available in 60 Hz version.


1 Self centering chuck 3+3

 \varnothing 320 mm

2 Follow rest

3 Steady rest

4 Foot brake

5 3 Axis readout

6 Leadscrew hood

7 Tool post safeguard

8 Chuck safeguard

9 Full length splash guard

10 Quick change tool post

11 Working lamp

12 Cooling system

INCLUDED ACCESSORIES

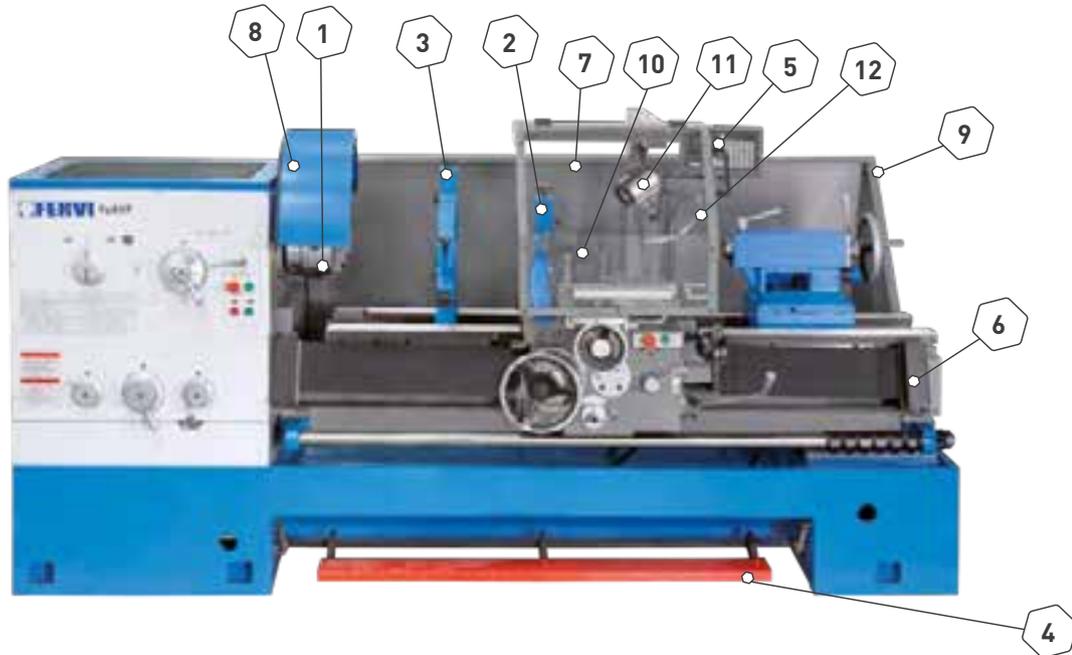
- 3 reversible jaw self centering chuck \varnothing 320 mm
- 4 independent jaw chuck \varnothing 400 mm
- Face plate \varnothing 600 mm
- Follow rest
- Follow rest
- Live center MT 5
- Thread dial
- Leadscrew hood
- Tool post guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

Art.	T094F10	NEW	T094F	NEW	T094F20	NEW	T094F30	NEW
Centers height	330 mm		330 mm		330 mm		330 mm	
Max swing over the bed	660 mm		660 mm		660 mm		660 mm	
Max swing over the cross slide	420 mm		420 mm		420 mm		420 mm	
Max swing over the gap	870 mm		870 mm		870 mm		870 mm	
Tool height	32 mm		32 mm		32 mm		32 mm	
Distance between centers	1000 mm		1500 mm		2000 mm		3000 mm	
Spindle bore	105 mm		105 mm		105 mm		105 mm	
Spindle nose Camlock	Camlock D1-8		Camlock D1-8		Camlock D1-8		Camlock D1-8	
Spindle speed	(12) 36 ÷ 1600 rpm							
Longitudinal feeds	0,063 ÷ 2,52 mm/giro		0,063 ÷ 2,52 mm/rev		0,063 ÷ 2,52 mm/giro		0,063 ÷ 2,52 mm/giro	
Cross feeds	0,027 ÷ 1,07 mm/rev							
Metric threads	(22) 1 ÷ 14 mm							
Inch threads	(26) 2 ÷ 28 TPI							
Tailstock taper MT	5		5		5		5	
Motor	400V 50 Hz 7,5 kW							
Cooling pump	400V 50 Hz 90 W							
Dimensions	2500 x 1400 x 1600 mm		3000 x 1400 x 1600 mm		3500 x 1400 x 1600 mm		4500 x 1400 x 1600 mm	
Net weight	3040 Kg		3330 Kg		3700 Kg		3820 Kg	



T085Fx
NEW
GEAR HEAD LATHE WITH READOUT

With mechanical spindle clutch and 3 axis readout, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base. Also available in 60 Hz version.



- 1** Self centering chuck 3+3
Ø 320 mm
- 2** Follow rest
- 3** Steady rest
- 4** Foot brake
- 5** 3 Axis readout

- 6** Leadscrew hood
- 7** Tool post safeguard
- 8** Chuck safeguard
- 9** Full length splash guard
- 10** Quick change tool post
- 11** Working lamp
- 12** Cooling system

INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 320 mm
- 4 independent jaw chuck Ø 400 mm
- Face plate Ø 600 mm
- Follow rest
- Steady rest
- Live center MT 5
- Thread dial
- Leadscrew hood
- Tool post guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

Art.	T085F10	NEW	T085F	NEW	T085F20	NEW	T085F30	NEW
Centers height	280 mm		280 mm		280 mm		280 mm	
Max swing over the bed	560 mm		560 mm		560 mm		560 mm	
Max swing over the cross slide	360 mm		360 mm		360 mm		360 mm	
Max swing over the gap	770 mm		770 mm		770 mm		770 mm	
Tool height	32 mm		32 mm		32 mm		32 mm	
Distance between centers	1000 mm		1500 mm		2000 mm		3000 mm	
Spindle bore	105 mm		105 mm		105 mm		105 mm	
Spindle nose Camlock	Camlock D1-8		Camlock D1-8		Camlock D1-8		Camlock D1-8	
Spindle speed	(12) 36 ÷ 1600 rpm							
Longitudinal feeds	0,063 ÷ 2,52 mm/rev							
Cross feeds	0,027 ÷ 1,07 mm/rev							
Metric threads	(22) 1 ÷ 14 mm							
Inch threads	(26) 2 ÷ 28 TPI							
Tailstock taper MT	5		5		5		5	
Motor	400V 50/60 Hz 7,5 kW							
Cooling pump	400V 50/60 Hz 90 W							
Dimensions	2500 x 1400 x 1500 mm		3000 x 1400 x 1500 mm		3500 x 1400 x 1500 mm		4500 x 1400 x 1500 mm	
Net weight	2920 Kg		3210 Kg		3580 Kg		3700 Kg	

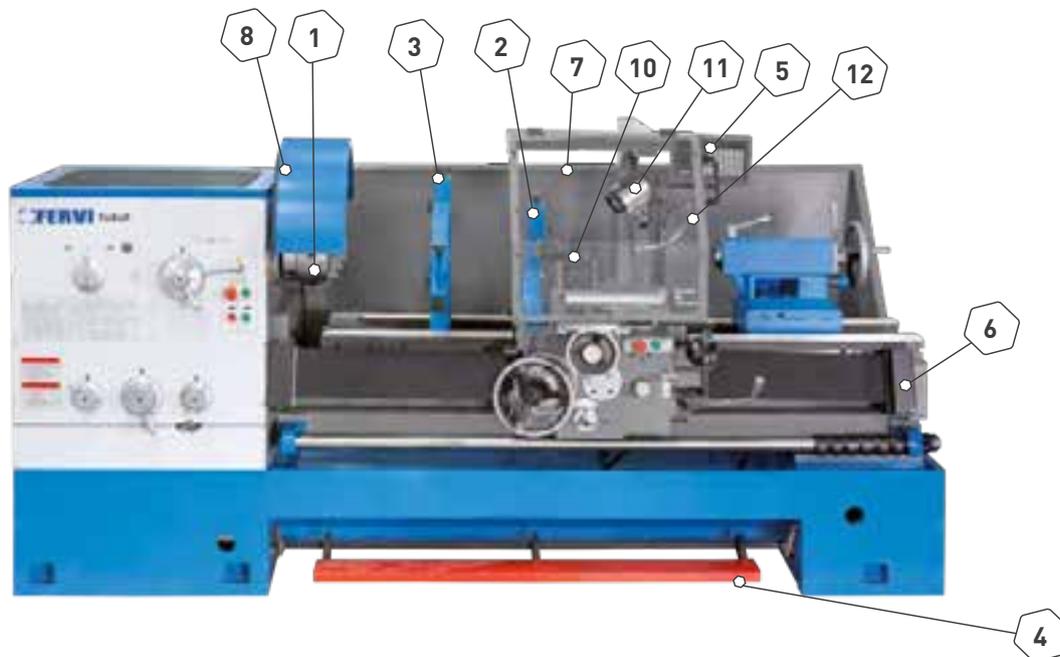


T080Fx

NEW

GEAR HEAD LATHE WITH READOUT

With mechanical spindle clutch and 3 axis readout, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base. Also available in 60 Hz version.



- 1 **Self centering chuck 3+3**
Ø 250 mm
- 2 **Follow rest**
- 3 **Steady rest**
- 4 **Foot brake**
- 5 **3 Axis readout**

- 6 **Leadscrew hood**
- 7 **Tool post safeguard**
- 8 **Chuck safeguard**
- 9 **Full length splash guard**
- 10 **Quick change tool post**
- 11 **Working lamp**
- 12 **Cooling system**

INCLUDED ACCESSORIES

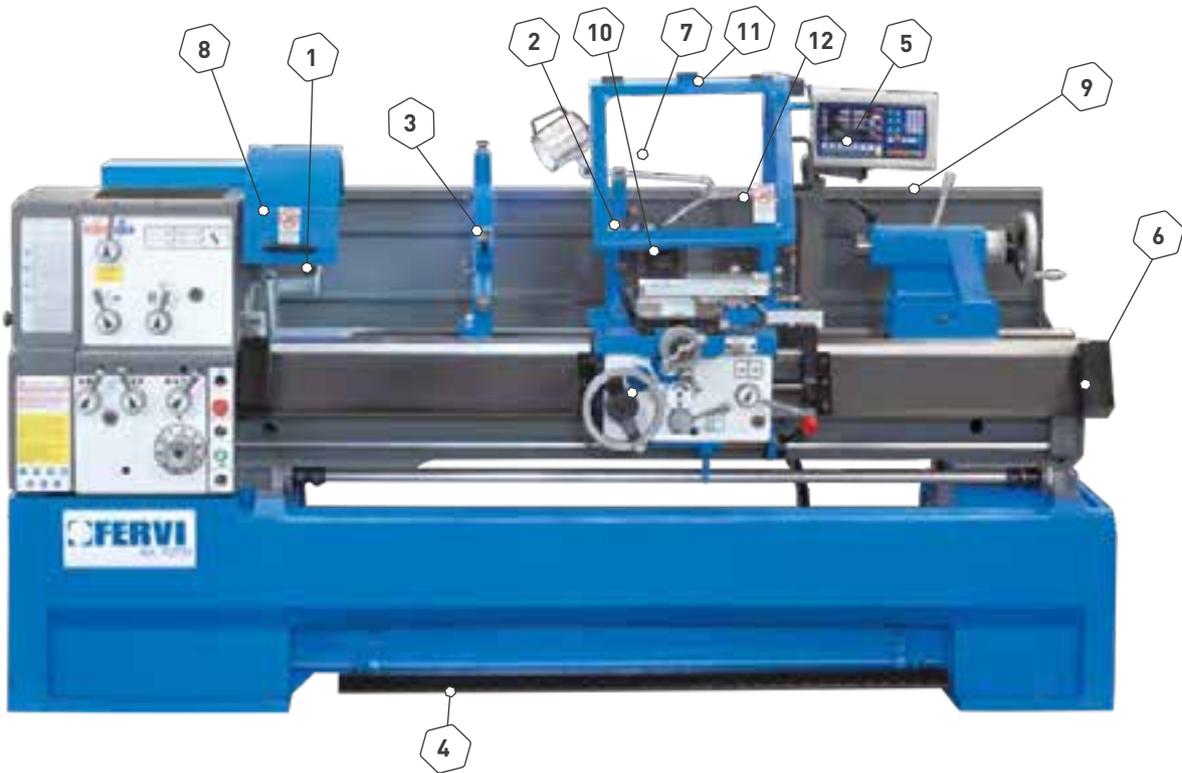
- 3 reversible jaw self centering chuck Ø 250 mm
- 4 independent jaw chuck Ø 320 mm
- Reduction sleeve MT 7/5
- Face plate Ø 400 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 5
- Live center MT 5
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

Art.	T080F10 NEW	T080F	T080F20
Centers height	250 mm	250 mm	250 mm
Max swing over the bed	500 mm	500 mm	500 mm
Max swing over the cross slide	310 mm	310 mm	310 mm
Max swing over the gap	720 mm	720 mm	720 mm
Tool height	32 mm	32 mm	32 mm
Distance between centers	1000 mm	1500 mm	2000 mm
Spindle bore	80 mm	80 mm	80 mm
Spindle nose Camlock	Camlock D1-8	Camlock D1-8	Camlock D1-8
Spindle speed	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm/giro	0,063 ÷ 2,52 mm/giro	0,063 ÷ 2,52 mm/giro
Cross feeds	0,063 ÷ 2,52 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev
Metric threads	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm
Inch threads	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI
Tailstock taper MT	5	5	5
Motor	400V 50/60 Hz 7,5 kW	400V 50/60 Hz 7,5 kW	400V 50/60 Hz 7,5 kW
Cooling pump	400V 50/60 Hz 90 W	400V 50/60 Hz 90 W	400V 50/60 Hz 90 W
Dimensions	2500 x 1400 x 1500 mm	3000 x 1400 x 1500 mm	3500 x 1400 x 1500 mm
Net weight	2840 Kg	3080 kg	3320 kg



T075I
GEAR HEAD LATHE WITH INVERTER

3-axis display with speed variation control, semi norton gearbox. With cast iron monobloc base. The computer-viewer varies the rotation speed according to the turned diameter.



- 1** Self centering chuck 3+3 Ø 250 mm
- 2** Follow rest
- 3** Steady rest
- 4** Foot brake
- 5** 3 Axis readout
- 6** Leadscrew hood

- 7** Tool post safeguard
- 8** Chuck safeguard
- 9** Full length splash guard
- 10** Quick change tool post
- 11** Working lamp
- 12** Cooling system

Centers height	230 mm
Max swing over the bed	460 mm
Max swing over the cross slide	270 mm
Max swing over the gap	690 mm
Tool height	25 mm
Distance between centers	1500 mm
Spindle bore	58 mm
Spindle nose Camlock	Camlock D1-6
Spindle bore taper MT	6
Variable spindle speed	(2) 30 ÷ 600 600 ÷ 2000 rpm
Longitudinal feeds	0,014 ÷ 0,784 mm/rev
Cross feeds	0,031 ÷ 1,7 mm/rev
Metric threads	0,1 ÷ 14 mm
Inch threads	2 ÷ 112 TPI
Tailstock taper MT	4
Motor	400V 50/60 Hz 5,5 kW
Cooling pump	400V 50 Hz 90 W
Net weight	1970 kg

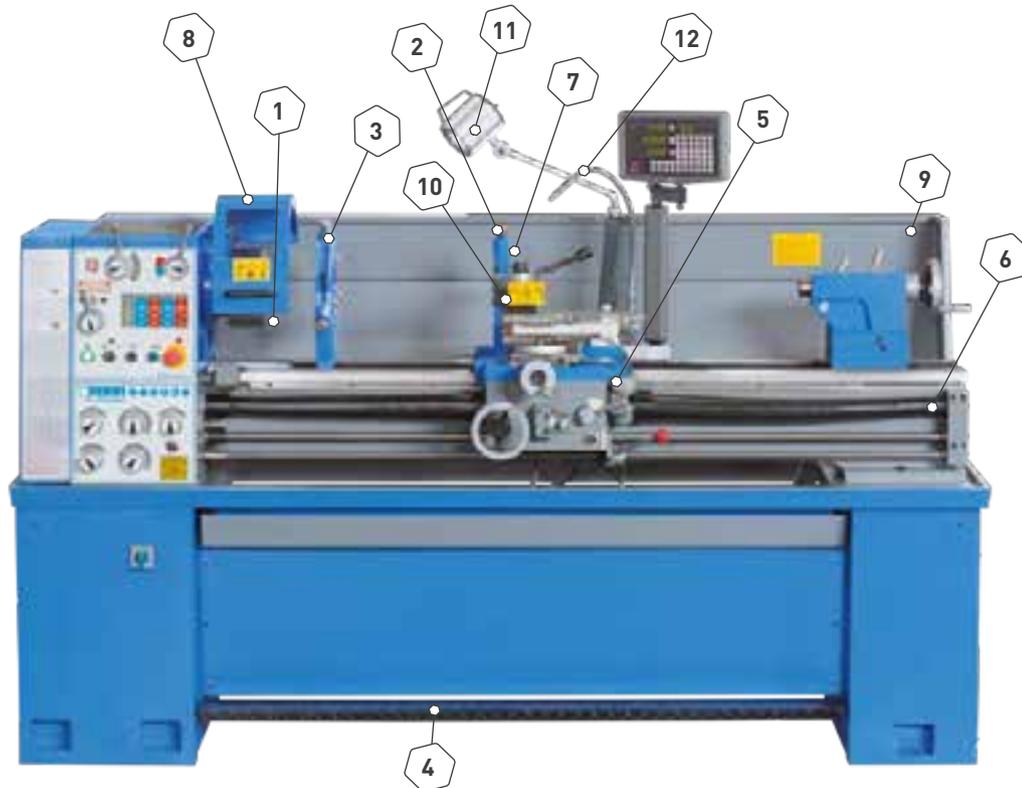
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 250 mm
- 4 independent jaw chuck Ø 250 mm
- Reduction sleeve MT 6/4
- Face plate Ø 350 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- Quick change tool post type B
- Working lamp
- Cooling system
- Electro-mechanic foot brake
- Turret guard
- Quick locking tailstock carriage
- Wagon gears in oil bath



T070/400V3A15
GEAR HEAD LATHE WITH READOUT

With 2 speed motor and 3 axis readout, semi norton gear box. Turning bar with adjustable clutch.



- 1 Self centering chuck 3+3 Ø 200 mm
- 2 Follow rest
- 3 Steady rest
- 4 Foot brake
- 5 Thread dial
- 6 Leadscrew hood

- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 T0AB quick change tool post
- 11 Working lamp
- 12 Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Tool height	20 mm
Distance between centers	1500 mm
Spindle bore	55 mm
Spindle bore	50 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Spindle speed	[12] 45 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 / 2,4 kW
Dimensions	2360 x 760 x 1600 h mm
Net weight	850 kg

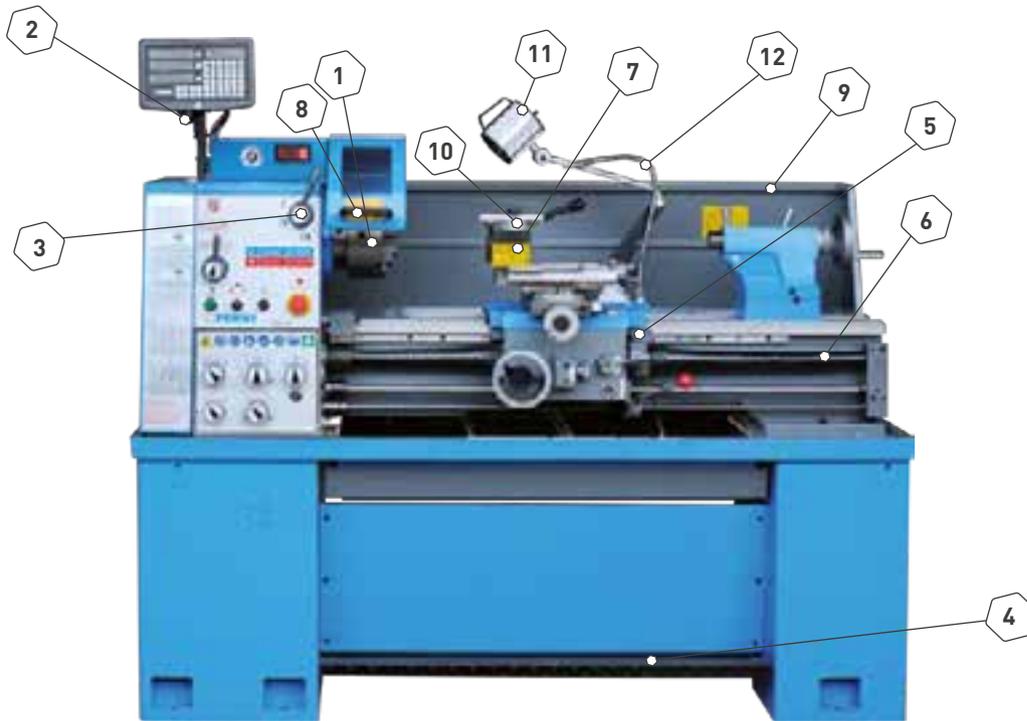
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 independent jaw chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- T0AB quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Turret guard
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath



T070/400VI3A
GEAR HEAD LATHE WITH INVERTER AND READOUT

3 axis readout and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



- 1 Self centering chuck 3+3 Ø 200 mm
- 2 3 Axis readout
- 3 Speed selector
- 4 Foot brake
- 5 Thread dial
- 6 Leadscrew hood

- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 TOAB quick change tool post
- 11 Working lamp
- 12 Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Max swing over the gap	550 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle bore	50 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Variable spindle speed	(2) 50 ÷ 1000 50 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 2,2 kW
Dimensions	1860 x 900 x 1650 h mm
Net weight	780 kg

INCLUDED ACCESSORIES

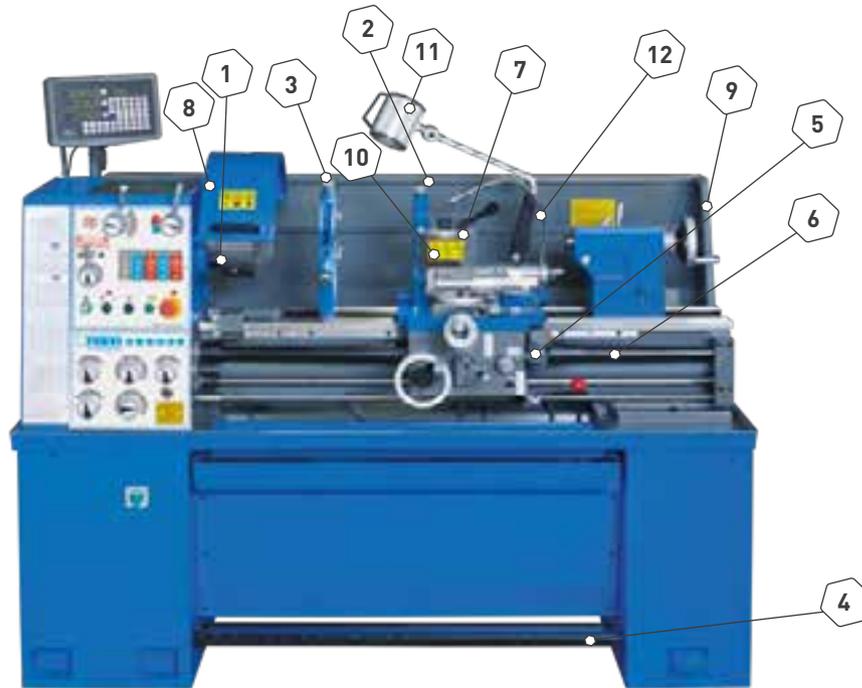
- 3+3 jaw self centering chuck Ø 200 mm
- 4 independent jaw chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- TOAB quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Full length splash guard
- Clutch on turning bar
- Wagon gears in oil bath
- Quick locking tailstock carriage



T070/400V3A

GEAR HEAD LATHE WITH READOUT

With 2 speed motor and 3 axis readout, semi norton gear box. Turning bar with adjustable clutch.



- 1 Self centering chuck 3+3 Ø 200 mm
- 2 Follow rest
- 3 Steady rest
- 4 Foot brake
- 5 Thread dial
- 6 Leadscrew hood

- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 TOAB quick change tool post
- 11 Working lamp
- 12 Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Max swing over the gap	550 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle bore	50 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Spindle speed	[12] 45 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 / 2,4 kW
Dimensions	1860 x 800 x 1600 h mm
Net weight	760 kg

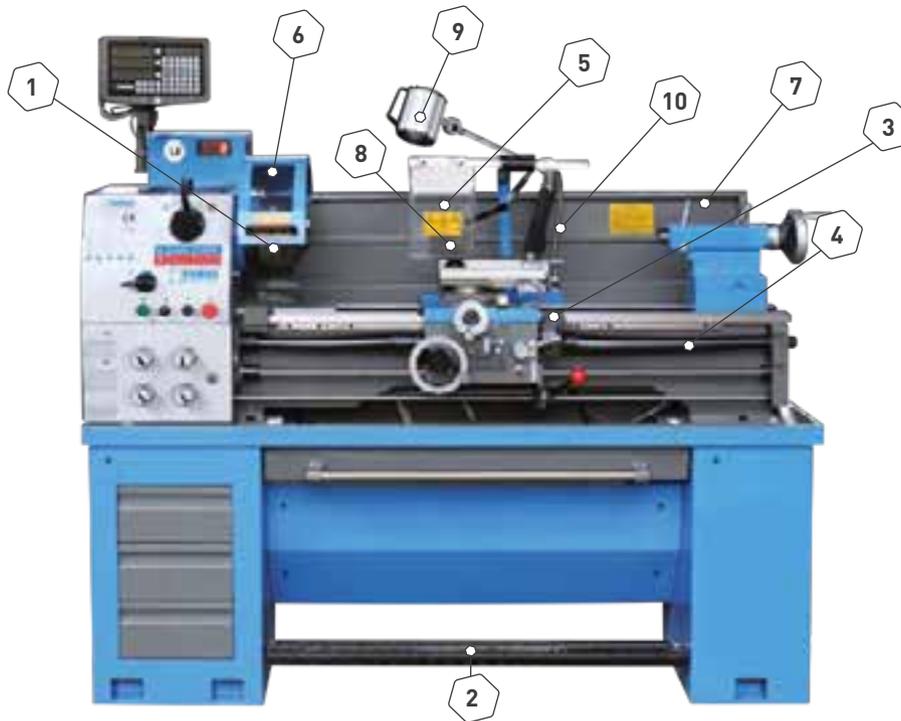
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 independent jaw chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- Full length splash guard
- TOAB quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath



T069/400VI3A
GEAR HEAD LATHE WITH INVERTER AND READOUT

3 axis readout and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



- 1 **Self centering chuck 3+3 Ø 200 mm**
- 2 **Foot brake**
- 3 **Thread dial**
- 4 **Leadscrew hood**
- 5 **Tool post safeguard**

- 6 **Chuck safeguard**
- 7 **Full length splash guard**
- 8 **TOAE quick change tool post**
- 9 **Working lamp**
- 10 **Cooling system**

Centers height	190 mm
Max swing over the bed	380 mm
Max swing over the cross slide	225 mm
Max swing over the gap	503 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Variable spindle speed	(2) 70 ÷ 400 50 ÷ 2000 rpm
Longitudinal feeds	0,052 - 1,392 mm/rev
Cross feeds	0,014 - 0,380 mm/rev
Metric threads	0,4 - 7 mm
Inch threads	4 - 56 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 kW
Dimensions	1820 x 90 x 1650 h mm
Net weight	645 kg

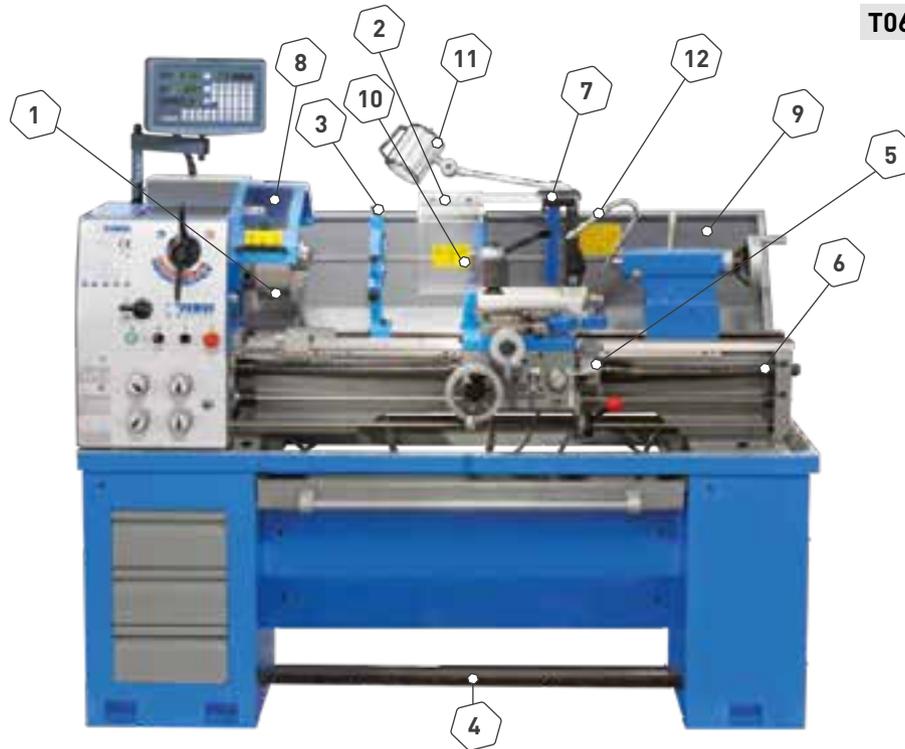
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Turret guard
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- TOAE quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath



T069/400V3A
GEAR HEAD LATHE WITH READOUT

3 axis readout and semi norton gear box. Turning bar with adjustable clutch.

T069/400V
WITHOUT READOUT


- 1** Self centering chuck 3+3 Ø 200 mm
- 2** Follow rest
- 3** Steady rest
- 4** Foot brake
- 5** Thread dial
- 6** Leadscrew hood

- 7** Tool post safeguard
- 8** Chuck safeguard
- 9** Full length splash guard
- 10** TOAE quick change tool post
- 11** Working lamp
- 12** Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Max swing over the gap	550 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle bore	50 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Spindle speed	(12) 45 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 / 2,4 kW
Dimensions	1860 x 800 x 1600 h mm
Net weight	760 kg

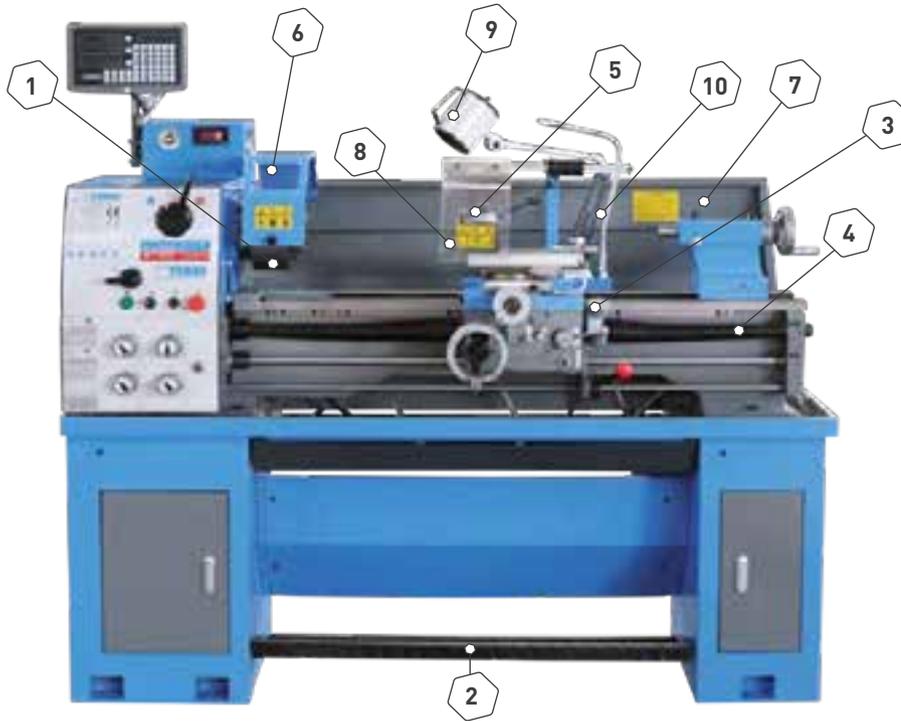
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- TOAE quick change tool post
- Working LED lamp
- Cooling system
- Turret guard
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath



T998/400VI3A
GEAR HEAD LATHE WITH INVERTER AND READOUT

3 axis readout and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



- 1 **Self centering chuck 3+3 Ø 200 mm**
- 2 **Foot brake**
- 3 **Thread dial**
- 4 **Leadscrew hood**
- 5 **Tool post safeguard**

- 6 **Chuck safeguard**
- 7 **Full length splash guard**
- 8 **TOAE quick change tool post**
- 9 **Working lamp**
- 10 **Cooling system**

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	198 mm
Max swing over the gap	470 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	5
Variable spindle speed	(2) 70 ÷ 400 350 ÷ 2000 rpm
Longitudinal feeds	0.052 ÷ 1.392 mm/rev
Cross feeds	0.009 ÷ 0.253 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 56 TPI
Tailstock taper MT	3
Motor	400V 50 Hz 1,5 kW
Dimensions	1820 x 900 x 1650 h mm
Net weight	635 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- TOAE quick change tool post
- Working lamp
- Cooling system
- Turret guard
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath



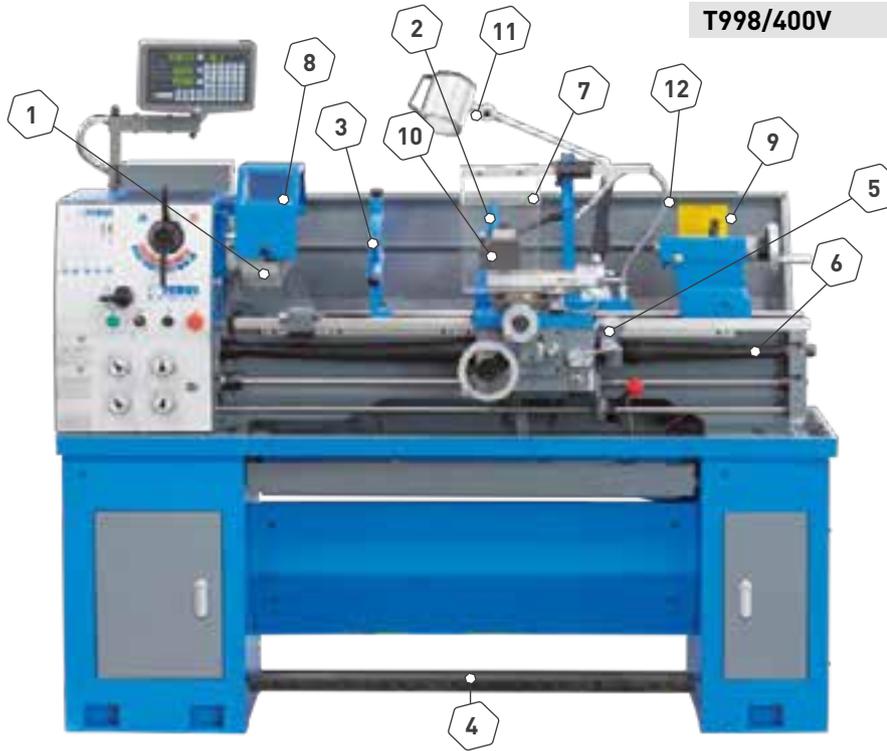
T998/230V3A & T998/400V3A

GEAR HEAD LATHE WITH READOUT

3 axis readout, semi norton gear box. Turning bar with adjustable clutch.

T998/400V

WITHOUT READOUT



- 1 Self centering chuck 3+3 Ø 200 mm
- 2 Follow rest
- 3 Steady rest
- 4 Foot brake
- 5 Thread dial
- 6 Leadscrew hood

- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 T0AE quick change tool post
- 11 Working lamp
- 12 Cooling system

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	198 mm
Max swing over the gap	470 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	5
Spindle speed	(8) 70 ÷ 2000 rpm
Longitudinal feeds	0.052 ÷ 1.392 mm/rev
Cross feeds	0.009 ÷ 0.253 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 56 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,8 kW
Dimensions	1820 x 800 x 1320 h mm
Net weight	630 kg

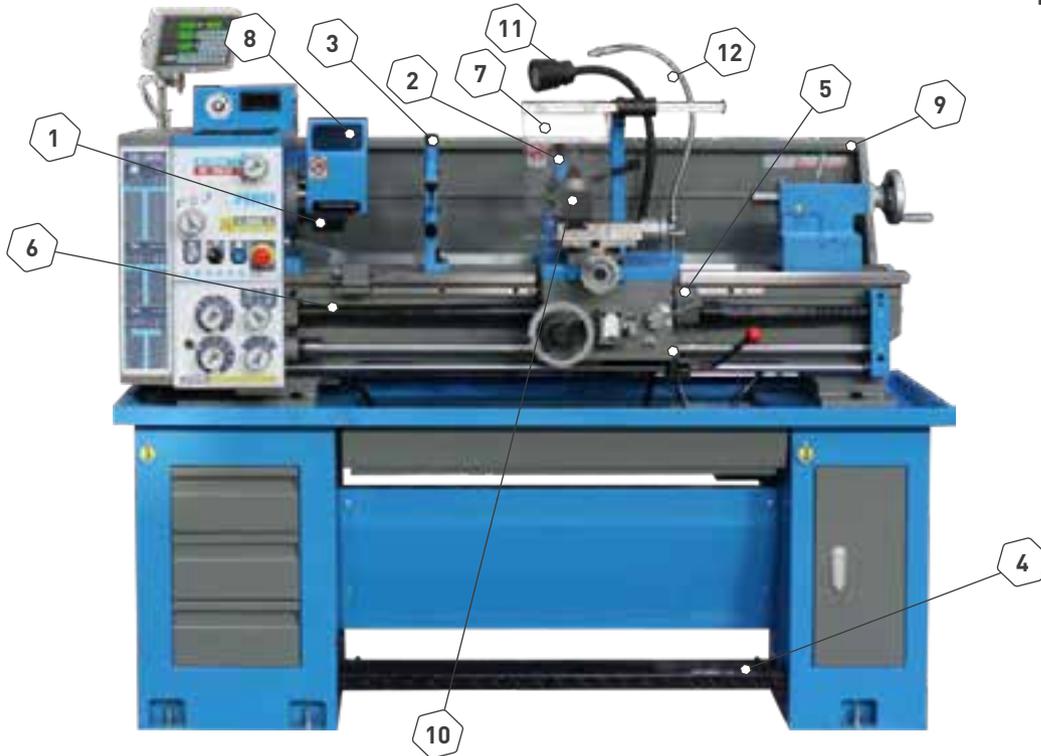
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 3
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Cooling system
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath



T997/230VI3A
NEW
GEAR HEAD LATHE WITH INVERTER AND READOUT

3 axis readout and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.

T997/230VI
WITHOUT READOUT


- 1** Self centering chuck 3+3 Ø 200 mm
- 2** Follow rest
- 3** Steady rest
- 4** Foot brake
- 5** Thread dial
- 6** Leadscrew hood

- 7** Tool post safeguard
- 8** Chuck safeguard
- 9** Full length splash guard
- 10** T0AE quick change tool post
- 11** Working lamp
- 12** Cooling system

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	180 mm
Tool height	16 mm
Distance between centers	1000 mm
Spindle bore taper MT	5
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle speed	(3) 60-1750 rpm
Longitudinal feeds	(40) 0,053 - 1,291 mm/rev
Cross feeds	(40) 0,011 - 0,275 mm/rev
Metric threads	(32) 0,4 - 7 mm
Inch threads	(36) 4 - 60 TPI
Tailstock taper MT	3
Motor	230 V 50/60 Hz 1.5 kW
Dimensions	1850 x 700 x 1550 mm
Net weight	550 Kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- Reduction sleeve MT 5/3
- Dead center MT 3
- Dead center MT 5
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew protection
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp LED
- Quick locking tailstock carriage
- Cooling system
- Clutch on turning bar
- Wagon gears in oil bath



T997/400V3A & T997/230V3A

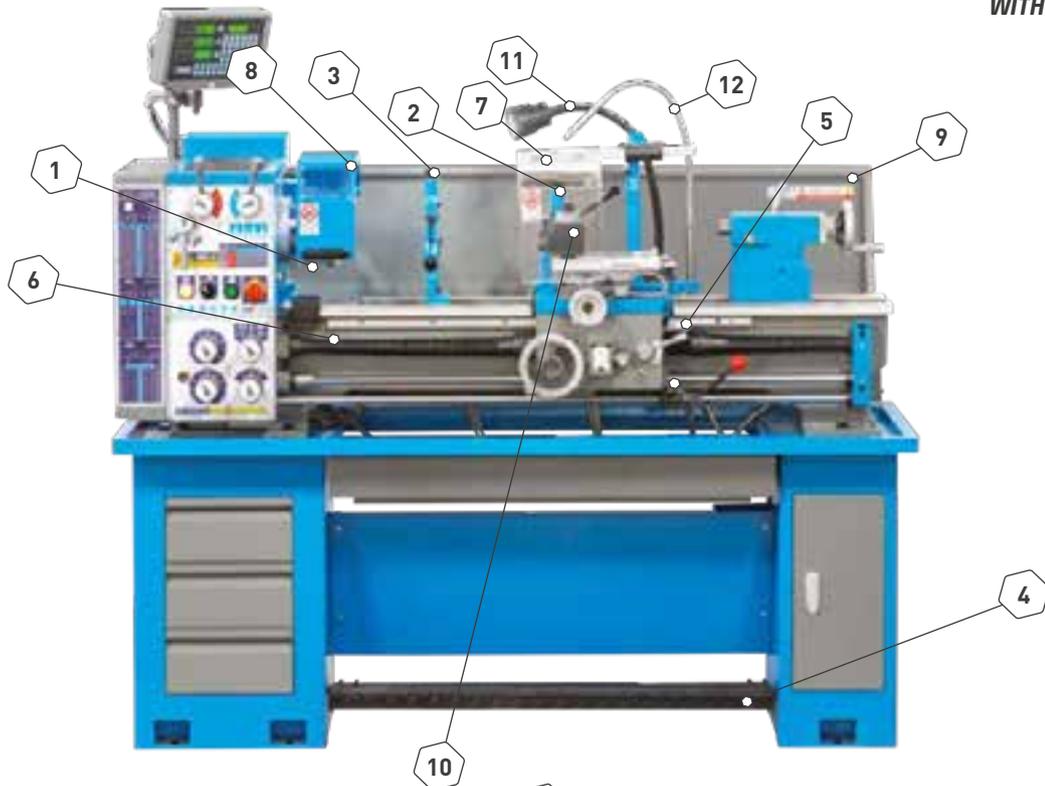
NEW

GEAR HEAD LATHE WITH READOUT

3 axis readout, semi norton gear box. Turning bar with adjustable clutch.

T997/400V & T997/230V

WITHOUT READOUT



- 1 Self centering chuck 3+3 Ø 160 mm
- 2 Follow rest
- 3 Steady rest
- 4 Foot brake
- 5 Thread dial
- 6 Leadscrew hood

- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 T0AE quick change tool post
- 11 Working lamp
- 12 Cooling system

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	180 mm
Tool height	16 mm
Distance between centers	1000 mm
Spindle bore taper MT	5
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle speed	(18) 75-1800 rpm
Longitudinal feeds	(40) 0,053 - 1,291 mm/rev
Cross feeds	(40) 0,011 - 0,275 mm/rev
Metric threads	(32) 0,4 - 7 mm
Inch threads	(36) 4 - 60 TPI
Tailstock taper MT	3
Motor	400 V 50/60 Hz 1.1 kW
Dimensions	1850 x 700 x 1550 mm
Net weight	550 Kg

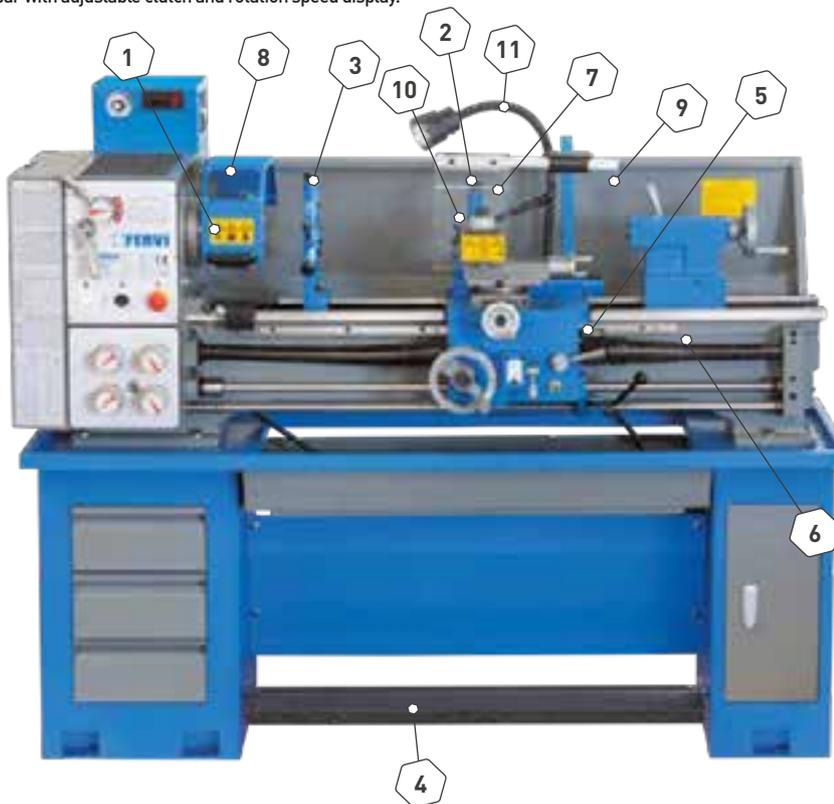
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- Reduction sleeve MT 5/3
- Dead center MT 3
- Dead center MT 5
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew protection
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp LED
- Quick locking tailstock carriage
- Cooling system
- Clutch on turning bar
- Wagon gears in oil bath



T940/230VI
GEAR HEAD LATHE WITH INVERTER

Semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



- 1 Self centering chuck 3+3 Ø 160 mm
- 2 Follow rest
- 3 Steady rest
- 4 Foot brake
- 5 Thread dial

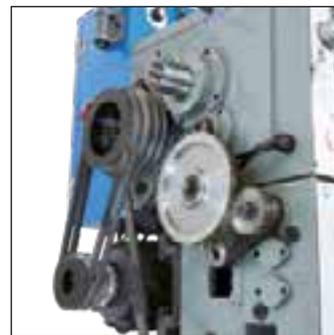
- 6 Leadscrew hood
- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 TOAE quick change tool post
- 11 Working lamp

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	180 mm
Tool height	16 mm
Distance between centers	940 mm
Spindle bore taper MT	5
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Variable spindle speed	65 ÷ 1750 rpm
Longitudinal feeds	0,053 ÷ 1,291 mm/rev
Cross feeds	0,011 ÷ 0,276 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 60 TPI
Tailstock taper MT	3
Motor	230 V 50/60 Hz 1.5 kW
Dimensions	1770 x 1400 x 670 mm
Net weight	525 kg

INCLUDED ACCESSORIES

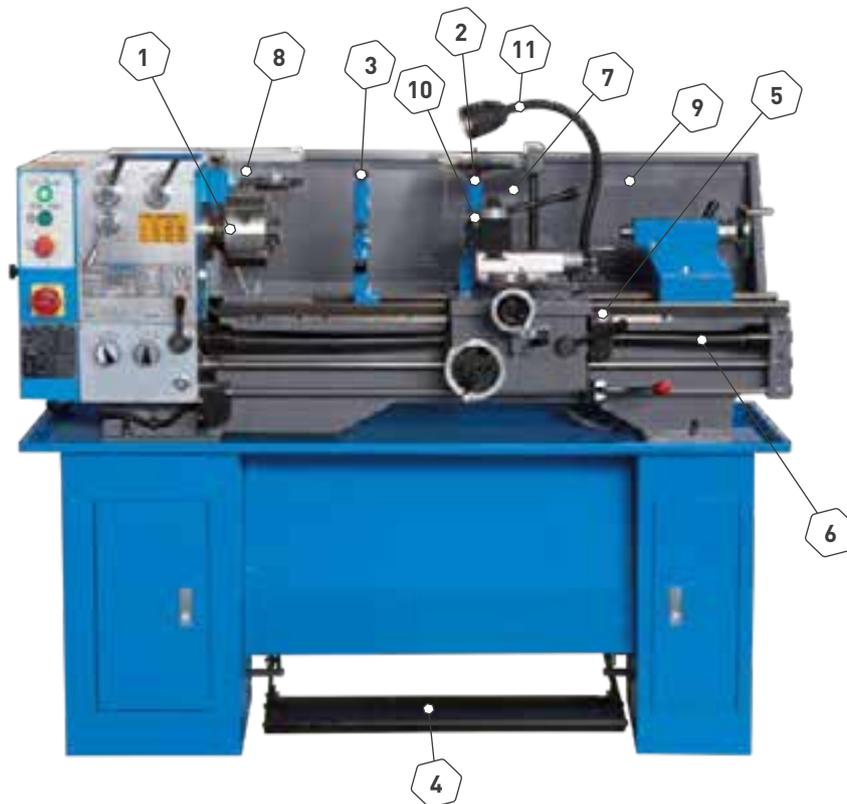
- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 240 mm
- Face plate Ø 200 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Live center MT 3

- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- TOAE quick change tool post
- Working lamp
- Quick locking tailstock carriage
- Wagon gears in oil bath



T940/230V
GEAR HEAD LATHE

Semi norton gear box.



- 1 Self centering chuck 3+3 Ø 160 mm
- 2 Follow rest
- 3 Steady rest
- 4 Foot brake
- 5 Thread dial

- 6 Leadscrew hood
- 7 Tool post safeguard
- 8 Chuck safeguard
- 9 Full length splash guard
- 10 TOAE quick change tool post
- 11 Working lamp

Centers height	150 mm
Max swing over the bed	300 mm
Max swing over the gap	480 mm
Max swing over the cross slide	173 mm
Tool height	16 mm
Distance between centers	940 mm
Spindle bore	38 mm
Spindle bore taper MT	5
Spindle speed	{9} 64 ÷ 1500 rpm
Longitudinal feeds	0,051 ÷ 0,303 mm/rev
Cross feeds	0,051 ÷ 0,303 mm/rev
Metric threads	0,5 ÷ 3,5 mm
Inch threads	7,5 ÷ 48 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,5 kW
Dimensions	600 x 1600 x 1270 h mm
Net weight	520 kg

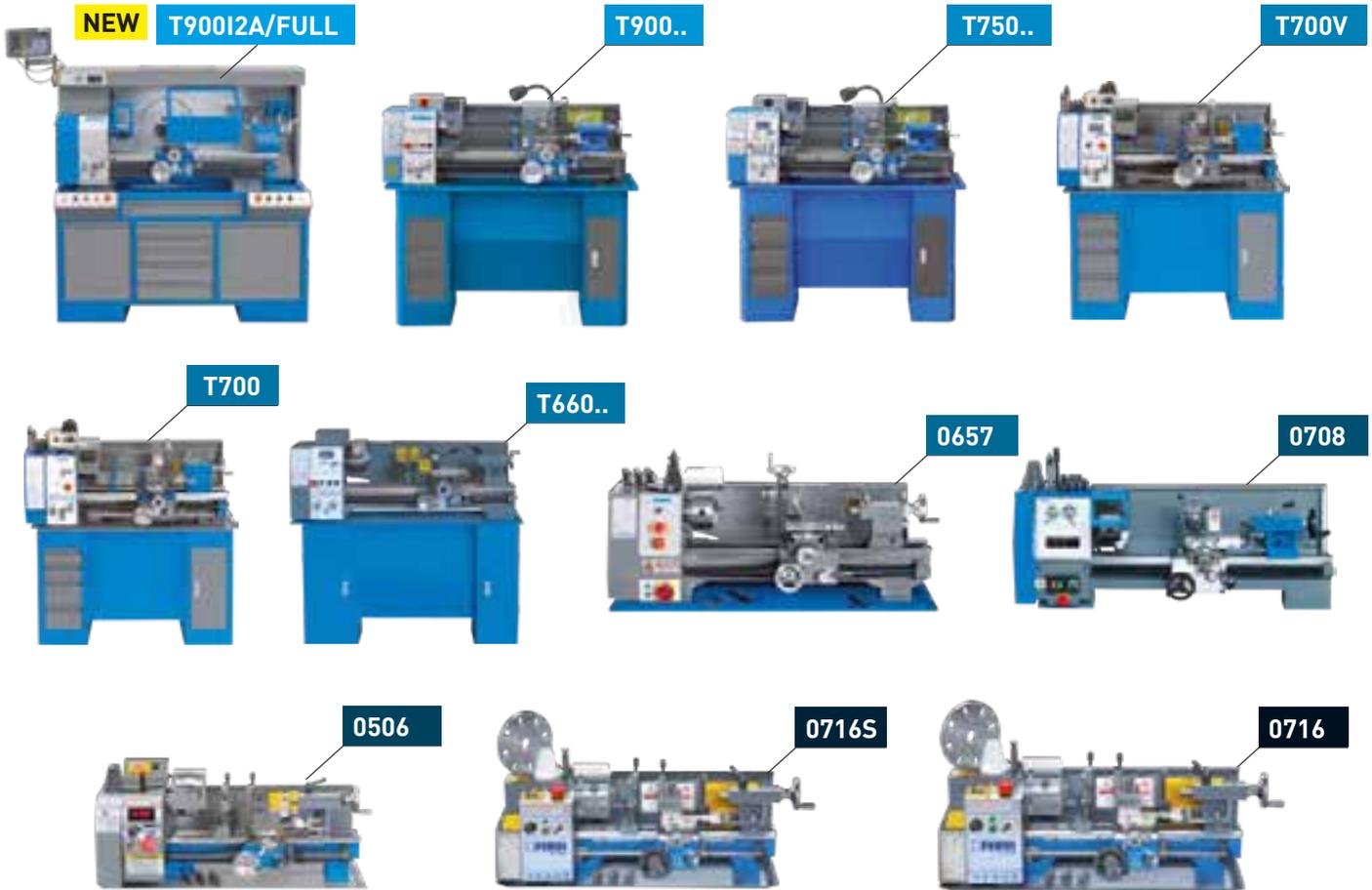
INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 240 mm
- Face plate Ø 200 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Live center MT 3

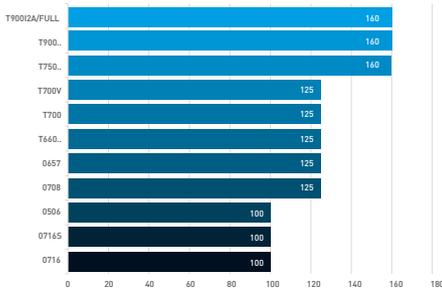
- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- TOAE quick change tool post
- LED Working lamp
- Quick locking tailstock carriage
- Wagon gears in oil bath



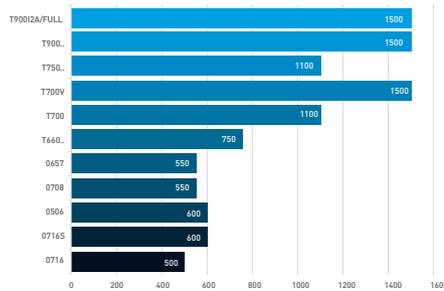
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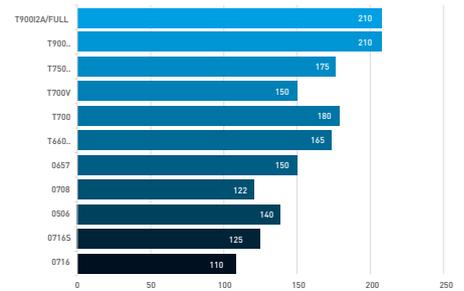
Spindle diameter (mm)



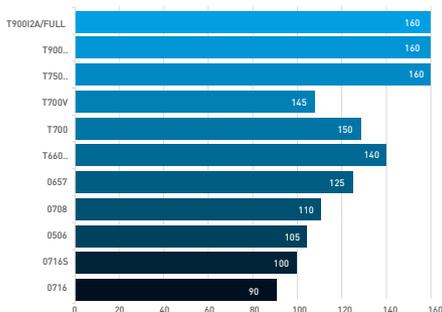
Power (W)



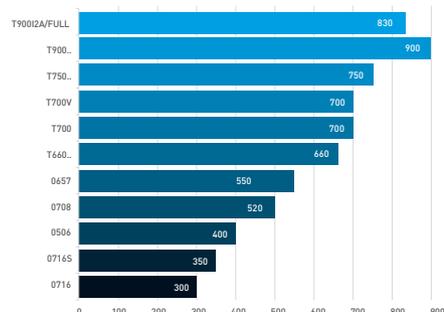
Max swing over the cross slide (mm)



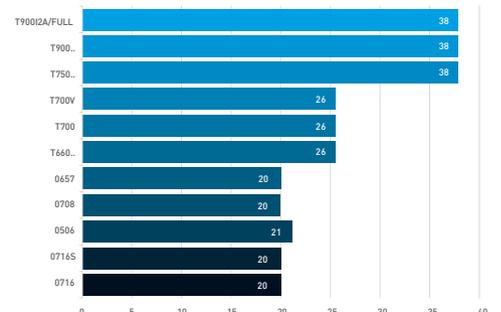
Centers height (mm)



Distance between centers (mm)



Spindle bore (mm)

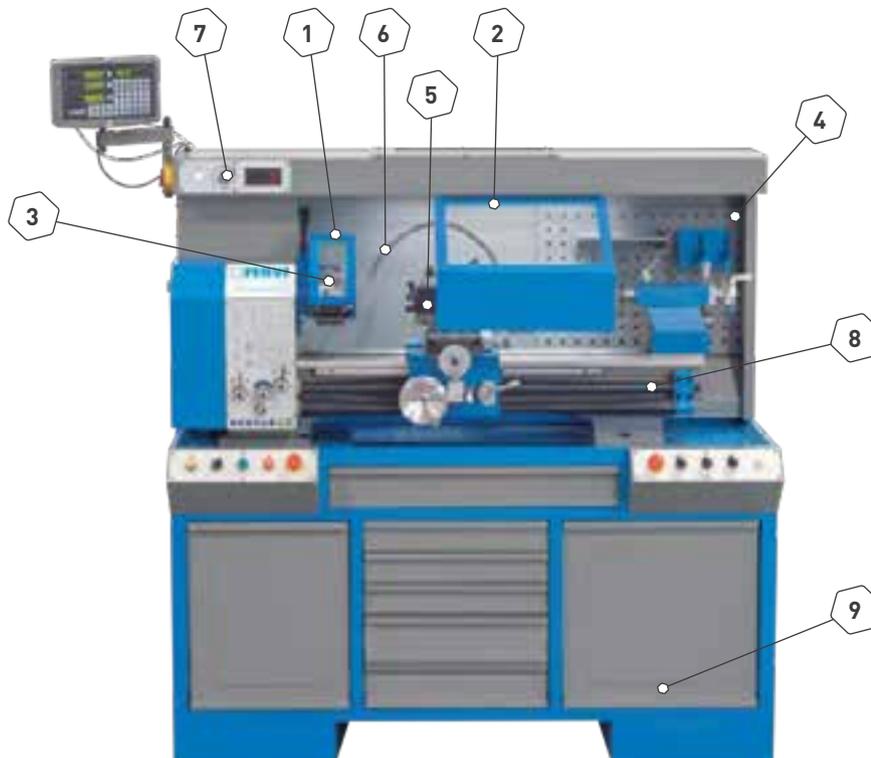


T90012A/FULL

NEW

GEAR HEAD LATHE WITH INVERTER AND READOUT

Bench lathe semi norton gear box and belt drive, longitudinal and cross feeds, turning, leadscrew, bench with drawers, cabinet and complete with accessories already included. Turning bar with adjustable clutch.



- 1 Chuck safeguard
- 2 Toolpost safeguard
- 3 Self centering chuck 3+3 Ø160mm
- 4 Full length splash guard
- 5 Tool post TOAE

- 6 Cooling system
- 7 Potentiometer
- 8 Leadscrew hood
- 9 Coolant pump seat

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Tool height	20 mm
Distance between centers	830 mm
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle bore taper MT	5
Variable spindle speed	60 ÷ 1600 rpm
Longitudinal feeds	0,085 ÷ 0,832 mm / giro
Cross feeds	0,01 ÷ 0,10 mm/giro
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 48 TPI
Tailstock taper MT	3
Motor	230 V 50/60 Hz 1,5 kW
Dimensions	1550 x 660 x 1790 mm
Net weight	500 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 160 mm
- Face plate Ø 240 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Live center MT 3
- Keyless chuck with MT 3 connection
- Clutch on turning bar
- Selector negative electro-brake
- Leadscrew hood
- Slidable turret safeguard
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post TOAE
- LED light
- Quick locking tailstock carriage
- Refrigeration system with pump in sliding drawer
- Drawers with sponge and accessories included
- Set 7 Pcs tools 20 mm with turning inserts



T9001

GEAR HEAD LATHE WITH INVERTER

Bench lathe semi norton gear box and belt drive, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 160 mm
- Face plate Ø 240 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post TOAE
- LED light
- Quick locking tailstock carriage 75 mm
- Wagon gears in oil bath

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Tool height	16 mm
Distance between centers	900 mm
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle bore taper MT	5
Variable spindle speed	75 ÷ 500 300 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Motor	230V 50/60 Hz 1.5 kW
Dimensions	1600 x 750 x 1300 mm
Net weight	360 kg



T900

GEAR HEAD LATHE

Bench lathe semi norton gear box and belt speed, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible independent jaws chuck Ø 160 mm
- Face plate Ø 240 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post TOAE
- LED light
- Quick locking tailstock carriage 75 mm
- Wagon gears in oil bath

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Tool height	16 mm
Distance between centers	900 mm
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle bore taper MT	5
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,5 kW
Dimensions	1600 x 750 x 1300 mm
Net weight	330 kg



T750I

GEAR HEAD LATHE WITH INVERTER

Bench lathe semi norton gear box and belt drive, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible independent jaws chuck Ø 160 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post T0AE
- LED light

Centers height	160 mm
Max swing over the bed	290 mm
Max swing over the cross slide	175 mm
Tool height	20 mm
Distance between centers	750 mm
Spindle bore	38 mm
Spindle bore taper MT	5
Variable spindle speed	75 ÷ 500 / 300 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Motor	Three-phased 230 V 1.1 kW
Single-phase power supply	230 V 50 / 60 Hz
Dimensions	1450 x 720 x 1280 mm
Net weight	310 kg



T750

GEAR HEAD LATHE

Bench lathe semi norton gear box and belt speed, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible independent jaws chuck Ø 160 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post T0AE
- LED light
- Quick stop tailstock with a swing of 75 mm
- Saddle gears in oil

Centers height	160 mm
Max swing over the bed	290 mm
Max swing over the cross slide	175 mm
Tool height	20 mm
Distance between centers	750 mm
Spindle bore	38 mm
Spindle bore taper MT	5
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,5 kW
Dimensions	1450 x 720 x 1280 mm
Net weight	310 kg



T700V

VARIABLE SPEED PARALLEL GEAR LATHE

Bench lathe semi norton gear box and variable speed, longitudinal and cross feeds, turning leadscrew, partially assembled bench with 3 drawers and cabinet. Turning bar with adjustable clutch.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible independent jaws chuck Ø 125 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 125 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 12 mm
- Quick stop tailstock with a swing
- Saddle gears in oil

Centers height	145 mm
Max swing over the bed	290 mm
Max swing over the cross slide	150 mm
Tool height	12 mm
Distance between centers	700 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Variable spindle speed	50 ÷ 1000 rpm 1110 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 0,65 mm/rev
Cross feeds	0,03 ÷ 0,12 mm/rev
Metric threads	0,2 ÷ 3,5 mm
Inch threads	8 ÷ 48 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 1,5 kW
Dimensions	1129 x 690 x 1127 mm
Net weight	270 kg



T700

GEAR HEAD LATHE

Bench lathe semi norton gear box and belt speed, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible independent jaws chuck Ø 125 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 125 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 12 mm
- Quick stop tailstock with a swing of 85 mm
- Saddle gears in oil

Centers height	150 mm
Max swing over the bed	290 mm
Max swing over the cross slide	180 mm
Tool height	12 mm
Distance between centers	700 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Spindle speed	(6) 150 ÷ 2000 rpm
Longitudinal feeds	0,085 ÷ 0,832 mm / rev
Cross feeds	0,01 ÷ 0,10 mm / rev
Metric threads	0,2 ÷ 3,5 mm
Inch threads	8 ÷ 48 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 1.1 kW
Dimensions	1270 x 610 x 1320 h mm
Net weight	270 kg



T660I

BENCH LATHE WITH VARIABLE SPEED INVERTER

Semi norton gear box, partially assembled bench.

INCLUDED ACCESSORIES

- 3+3 self centering chuck \varnothing 125 mm
- 4 Reversible independent jaw chuck \varnothing 160 mm
- Face plate \varnothing 200 mm
- Flange for 4-jaw chuck \varnothing 160 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Live center MT 2
- Thread dial
- Leadscrew hood
- Turret safeguard
- Chuck safeguard
- Splash guard
- T0AA quick change tool post

Centers height	140 mm
Max swing over the bed	280 mm
Max swing over the cross slide	165 mm
Tool height	14 mm
Distance between centers	660 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Variable spindle speed	100 ÷ 2000 rpm
Longitudinal feeds	0,063 ÷ 0,35 mm/rev
Metric threads	0,25 ÷ 3,5 mm
Inch threads	8 ÷ 72 TPI
Tailstock taper MT	2
Motor	230 V 50/60 Hz 0.75 kW
Dimensions	1325 x 550 x 1230 mm
Net weight	216 kg



T660

BENCH LATHE

Semi norton gear box and belt speed change, partially assembled bench.

INCLUDED ACCESSORIES

- 3+3 self centering chuck \varnothing 125 mm
- 4 Reversible independent jaw chuck \varnothing 160 mm
- Face plate \varnothing 200 mm
- Flange for 4-jaw chuck \varnothing 160 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Live center MT 2
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Splash guard
- T0AA quick change tool post

Centers height	140 mm
Max swing over the bed	280 mm
Max swing over the cross slide	165 mm
Tool height	14 mm
Distance between centers	660 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,063 ÷ 0,35 mm/rev
Metric threads	0,25 ÷ 3,5 mm
Inch threads	8 ÷ 72 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 0,75 kW
Dimensions	1325 x 550 x 1230 mm
Net weight	216 kg



0657
BENCH LATHE

With mill table device, belt speed change

INCLUDED ACCESSORIES

- 3+3 self centering chuck \varnothing 125 mm
- Dead center MT 2
- Dead center MT 3
- Leadscrew hood
- Turret safeguard
- Chuck safeguard
- Splash guard
- 4 side fix tool post 12 mm
- Quick stop tailstock



Centers height	125 mm
Max swing over the bed	250 mm
Max swing over the cross slide	150 mm
Tool height	12 mm
Distance between centers	550 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Tailstock taper MT	2

Spindle speed	{6} 125 ÷ 2000 rpm
Longitudinal feeds	0,1 - 0,2 mm/rev
Metric threads	0,4 ÷ 3,5 mm
Inch threads	18 ÷ 44 TPI
Motor	230 V 50 Hz 0,55 kW
Dimensions	1120 x 480 x 460h mm
Net weight	145 kg

0708
GEAR BENCH LATHE

With speed change by gears, morse tapered spindle bearings, adjustable signs, leadscrew hood, chuck guard with microswitch

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck \varnothing 125 mm
- Follow rest
- Dead center MT2
- Dead center MT3
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 12 mm



Centers height	110 mm
Max swing over the bed	200 mm
Max swing over the cross slide	122 mm
Tool height	12 mm
Distance between centers	520 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Spindle speed	{6} 170 ÷ 1950 rpm

Longitudinal feeds	0,04 ÷ 0,20 mm/rev
Metric threads	0,25 ÷ 3 mm
Inch threads	8 ÷ 48 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 0,55 kW
Dimensions	1080 x 440 x 400h mm
Net weight	130 kg

0506
BENCH LATHE

Mini lathe with automatic longitudinal feeds and variable speed shown on digital display. With metal gears.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck \varnothing 100 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Live center MT 2
- Thread dial
- Turret safeguard
- Chuck safeguard
- Leadscrew hood
- Full length splash guard
- 4 side fix tool post 10 mm
- Quick stop tailstock



Centers height	105 mm
Max swing over the bed	210 mm
Max swing over the cross slide	140 mm
Tool height	10 mm
Distance between centers	400 mm
Spindle bore	21 mm
Spindle bore taper MT	3

Variable spindle speed	50 ÷ 1100 rpm 100 ÷ 2500 rpm
Longitudinal feeds	0.083 ÷ 0.175 mm / giro
Metric threads	{9} 0,5 ÷ 2,5 mm
Tailstock taper MT	2
Motor	230 V 50 Hz 0,6 kW
Dimensions	780 x 300 x 340 h mm
Net weight	49 kg

0716S
MINI LATHE

Mini lathe with automatic longitudinal feeds and variable speed shown on digital display.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck \varnothing 100 mm
- Flange \varnothing 160 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Thread dial
- Turret safeguard
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 10 mm

Centers height	100 mm
Max swing over the bed	170 mm
Max swing over the cross slide	125 mm
Tool height	10 mm
Distance between centers	350 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Variable spindle speed	(2) 100 ÷ 1100 200 ÷ 2500 rpm
Metric threads	0,5 ÷ 2,5 mm
Tailstock taper MT	2
Motor	230 V 50 60 Hz 0,6 kW
Dimensions	750 x 245 x 290 h mm
Net weight	46 kg


0716
MINI LATHE

With automatic longitudinal feeds and variable speed shown on digital display.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck \varnothing 100 mm
- Flange \varnothing 160 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Thread dial
- Turret safeguard
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 10 mm

Centers height	90 mm
Max swing over the bed	170 mm
Max swing over the cross slide	110 mm
Tool height	10 mm
Distance between centers	300 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Spindle speed	(2) 100 ÷ 1100 200 ÷ 2500 rpm
Metric threads	0,5 ÷ 2,5 mm / giro
Tailstock taper MT	2
Motor	230 V 50 60 Hz 0,5 kW
Dimensions	730 x 290 x 280 h mm
Net weight	40 kg


0657/B
UNIVERSAL BENCH LATHE STAND

Not assembled bench lathe stand. Adjustable in three positions. In the case of special dimensions, it is possible to drill the plate. Provided with 2 small doors and 2 shelves. Suitable for lathes

UPGRADE


Dimensions	90 ÷ 91.5 105 ÷ 106.5 118.5 ÷ 119.5 x 433 x 720h mm
Net weight	37,5 kg

0710
BENCH LATHE STAND

Partially assembled bench lathe stand.



Dimensions	1050 x 320 x 725h mm
Net weight	21 kg

0716/B
BENCH LATHE STAND

Completely made in sheet metal, bench lathe stand, locking without key, inner shelf.



Dimensions	760 x 240 x 680h mm
Slot distance	535 x 70 mm
Internal shelf height	300 mm
Net weight	23.50 kg

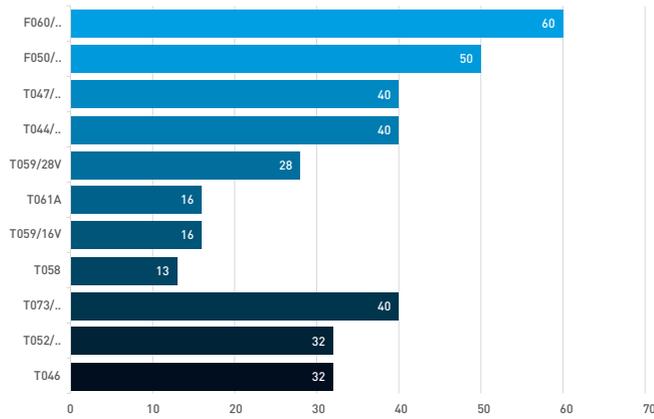
DRILLING MILLING MACHINES

F060/..**F050/..****T047/..****T044/..****T059/28V****T061A****T059/16V****T058****T073****T052/..****T046**

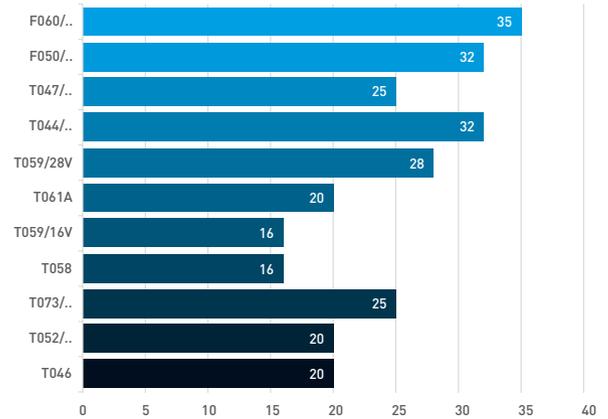


DRILLING MILLING MACHINES

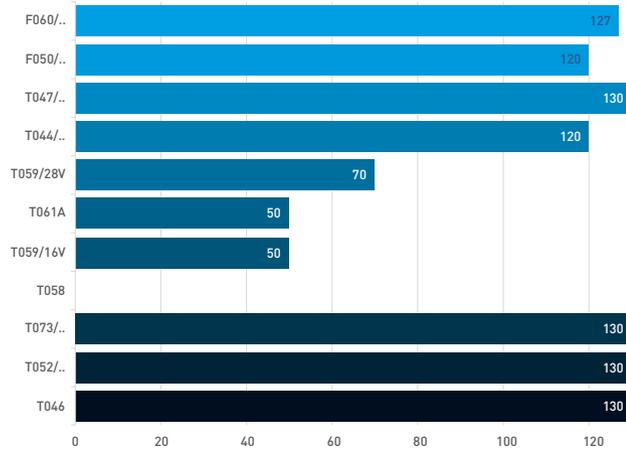
Max drilling capacity (mm)



End milling cutter max (mm)



Spindle travel (mm)



Junction

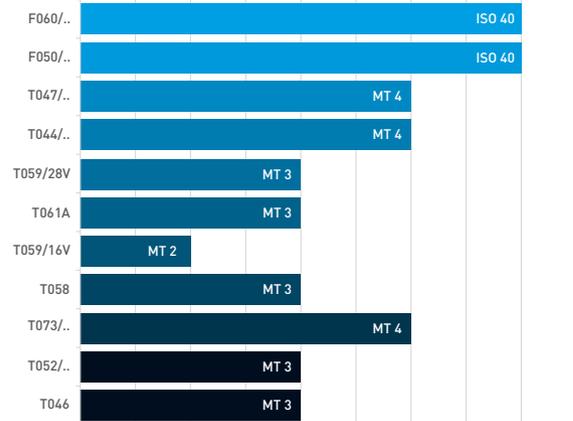
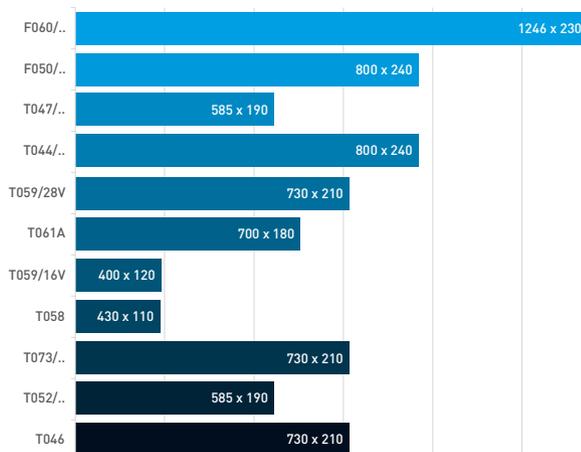
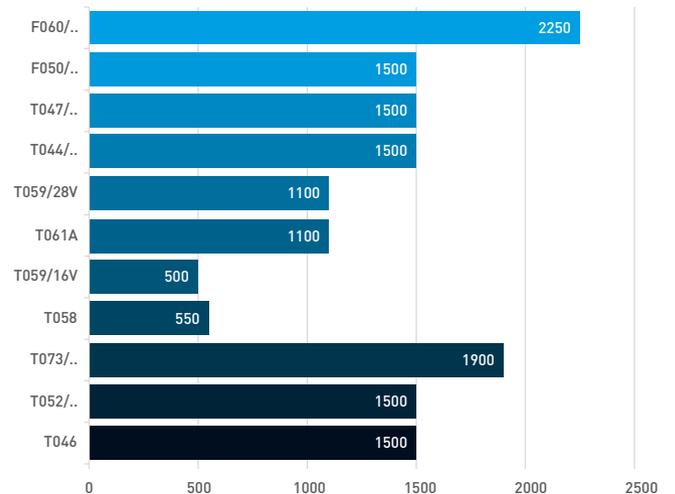


Table dimensions (mm)



Power (W)



F060I
INVERTER VERTICAL MILLING MACHINE

ISO 40, with automatic down feed, motorized cross table on all axes, 3 axis readout and japanese inverter.

INCLUDED ACCESSORIES

- Base with chip tank
- Refrigeration plant
- LED lamp
- Display for viewing the rotation speed
- 3-axis viewer
- Variable speed motorized axes with rapid function
- Round table flyers with neutral function
- Guide lubrication system with manual pump

Face milling cutter max	100 mm
End milling cutter max	35 mm
Max drilling capacity on cast iron with pre-drilling hole	60 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	24 mm
Spindle nose Camlock	ISO 40 - DIN 2080
Quill	86 mm
Spindle travel	127 mm
Head tilt left and right	± 45°
Vertical head rotation	± 90°
Head body rotation	± 180°
Variable spindle speed	60 ÷ 3600 rpm
Motor	400 V 50 Hz 2.25 kW
Table movement motor	(X,Y) 400V 50 Hz 180 W (Z) 400V 50 Hz 100W
Cooling pump	400V 50 Hz 90 W
Feed range	(3) 0.04 - 0.08 - 0.15 mm/rev
Surface speed	(X,Y) 42 - 76 - 164 - 262 mm/min (Z) 0 ÷ 457 mm/min
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215-450 mm
Table dimensions	1246 x 230 mm
Longitudinal axis	850 mm
Cross axis	310 mm
Slot	16 mm
Maximum capacity	400 kg
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 kg


UPGRADE

F060V
VERTICAL MILLING MACHINE WITH MECHANICAL SPEED VARIATOR

Variable speed, ISO 40, with automatic down feed, motorized cross table on all axes, 3 axis readout.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- Mechanical speed indicator
- 3 Axis DRO
- Variable speed motorized axes with rapid function
- Round table flyers with neutral function
- Guide lubrication system with manual pump

Face milling cutter max	100 mm
End milling cutter max	35 mm
Max drilling capacity on cast iron with pre-drilling hole	60 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	24 mm
Spindle nose Camlock	ISO 40 - DIN 2080
Quill	86 mm
Spindle travel	127 mm
Head tilt left and right	± 45°
Vertical head rotation	± 90°
Head body rotation	± 180°
Vertical spindle speeds	(2) 60 ÷ 500 500 ÷ 3600 rpm
Motor	400 V 50 Hz 2.25 kW
Table movement motor	(X,Y) 400V 50 Hz 180 W (Z) 400V 50 Hz 100W
Cooling pump	400V 50 Hz 90 W
Feed range	(3) 0.04 - 0.08 - 0.15 mm/rev
Surface speed	(X,Y) 42 - 76 - 164 - 262 mm/min (Z) 0 ÷ 457 mm/min
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215-450 mm
Table dimensions	1246 x 230 mm
Longitudinal axis	850 mm
Cross axis	310 mm
Slot	16 mm
Maximum capacity	400 kg
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 kg


UPGRADE


F060
VERTICAL MILLING MACHINE

ISO40, with automatic down feed, motorized cross table on all axes, 3 axis readout, belt gearbox.

INCLUDED ACCESSORIES

- Base with chip tank
- Coolant system
- LED Lamp
- 3 Axis DRO
- Variable speed motorized axes with rapid function
- Round table flyers with neutral function
- Guide lubrication system with manual pump

Face milling cutter max	100 mm
End milling cutter max	35 mm
Max drilling capacity on cast iron with pre-drilling hole	60 mm
Max drilling capacity on steel with pre-drilling holes(s235jr)	24 mm
Spindle nose Camlock	ISO 40 - DIN 2080
Quill	86 mm
Spindle travel	127 mm
Head tilt left and right	± 45°
Vertical head rotation	± 90°
Head body rotation	± 180°
Vertical spindle speeds	[16] 80 ÷ 650 660 ÷ 5440 rpm
Motor	400 V 50 Hz 2,25 kW
Table movement motor	[X,Y] 400V 50 Hz 180 W [Z] 400V 50 Hz 100W
Cooling pump	400V 50 Hz 90 W
Feed range	[3] 0.04 - 0.08 - 0.15 mm/rev
Surface speed	[X,Y] 42 - 76 - 164 - 262 mm/min [Z] 0 ÷ 457 mm/min
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215-450 mm
Table dimensions	1246 x 230 mm
Longitudinal axis	850 mm
Cross axis	310 mm
Slot	16 mm
Maximum capacity	400 kg
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 kg


UPGRADE

F050U
UNIVERSAL MILLING MACHINE

Vertical and horizontal milling machine, ISO 40, motorized one axis cross table, 3 axis readout. Gear transmission for vertical spindle and belt transmission for horizontal spindle.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- 3 Axis DRO
- Machine vise 160 mm
- ISO40 ER32 8 Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT 3
- Key Type Drill Chuck 3-16 mm B18
- Drill Arbor ISO40 B18
- Horizontal Milling Arbors 2 Pcs
- Draw Bars M16 ISO40 2 Pcs
- Motorized longitudinal axis with gears with quick movements
- Round table flyers with neutral function

Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 45°
Head body rotation	± 180°
Vertical spindle speeds	[8] 115 ÷ 1750 rpm
Horizontal spindle speeds	[9] 60 ÷ 1350 rpm
Motor	400 V 50 Hz 0.85 - 1.5 kW
Table movement motor	400V 50Hz 0.325 KW
Base dimensions	510 x 900 mm
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	60 - 360 mm
Distance spindle axis - column surface	250 - 650 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Maximum capacity	300 kg
Dimensions	1380 x 1200 x 2100 h mm
Net weight	930 kg



F050I
INVERTER MILLING MACHINE

Japanese inverter, vertical milling machine, ISO 40, motorized one axis cross table, 3 axis readout.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- 3 Axis DRO
- Machine vise 160 mm
- ISO40 ER32 8Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT3
- Key Type Drill Chuck 3-16 mm/B18
- Drill Arbor ISO40 B18
- Draw Bars M16 2 pcs
- Motorized longitudinal axis with gears with quick movements
- Round table flyers with neutral function

Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 180°
Head body rotation	± 90°
Variable spindle speed	100 ÷ 2000 rpm
Motor	400 V 50 Hz 2,2 kW
Table movement motor	400V 50Hz 0.325 KW
Base dimensions	510 x 900 mm
Cooling pump	400V 50 Hz 0.4 KW
Distance spindle axis - column surface	60 - 360 mm
Distance between spindle nose and table	250 - 650 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	16 mm
Maximum capacity	300 kg
Dimensions	1380 x 1200 x 2100
Net weight	930 kg


F050
MILLING MACHINE

Vertical milling machine, ISO 40, motorized one axis cross table, 3 axis readout.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- 3 Axis DRO
- Machine vise 160 mm
- ISO40 ER32 8Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT3
- Key Type Drill Chuck 3-16 mm/B18
- Drill Arbor ISO40 B18
- Draw Bars M16 ISO40 2 Pcs
- Motorized longitudinal axis with gears with quick movements
- Round table flyers with neutral function

Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 45°
Head body rotation	± 180°
Variable spindle speed	{8} 115 ÷ 1750 rpm
Motor	400 V 50 Hz 0,85 - 1,5 kW
Table movement motor	400V 50Hz 0.325 KW
Base dimensions	510 x 900 mm
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	60 - 360 mm
Distance spindle axis - column surface	250 - 650 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Maximum capacity	300 kg
Dimensions	1380 x 1200 x 2100
Net weight	930 kg



F050B
NEW
MILLING MACHINE

Vertical milling, ISO 40, motorized variable one axis cross table

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- ISO40 ER32 8Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT3
- Key Type Drill Chuck 3-16 mm/B18
- Drill Arbor ISO40 B18
- Draw Bar M16 ISO40 2 Pcs
- Variable speed motorized axis with rapid function
- Round table flyers with neutral function

Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 45°
Head body rotation	± 180°
Variable spindle speed	{8} 115 ÷ 1750 rpm
Motor	400 V 50 Hz 0,85 - 1,5 kW
Table movement motor	110V 50Hz 300W
Base dimensions	510 x 900 mm
Cooling pump	400 V 50 Hz 40W
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215 - 450 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Maximum capacity	400 Kg
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 Kg


T047/400VDA
GEARED MILLING DRILLING MACHINE

Reversible geared milling drilling machine, with automatic down feed, coolant system and reverse rotation.

INCLUDED ACCESSORIES

- Self-locking chuck 1 ÷ 16 B16
- Keyed chuck 1 ÷ 13 B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Drilling capacity:Steel C60	Ø 32 mm
Face milling cutter max	Ø 80 mm
End milling cutter max	Ø 25 mm
Tapping capacity	Ø 22 mm
Spindle taper	MT 4
Spindle speed	{12} 75 ÷ 3200 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	Ø 76 mm
Column	Ø 115 mm
Head tilt left and right	± 60°
Manual vertical feed division	0.02 mm
Feed range	{3} 0,1 - 0,18 - 0,26 mm/g
Distance between spindle nose and table	715 mm
Distance spindle axis - column surface	260 mm
Table dimensions	585 x 190 mm
Table slots	12 mm
Longitudinal travel	360 mm
Cross travel	250 mm
Longitudinal axis	360 mm
Cross axis	250 mm
Base dimensions	648 x 412 mm
Base slot	14 mm
Motor	400 V 50 Hz 1,1 - 1,5 kW
Dimensions	740 x 790 x 1960 h mm
Net weight	365 kg



T047/230V & T047/400V

GEARED MILLING DRILLING MACHINE

Reversible with coolant system and temporised tapping.

INCLUDED ACCESSORIES

- Self-locking chuck 1 ÷ 16 B16
- Keyed chuck 1 ÷ 13 B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Drilling capacity:Steel C60	Ø 32 mm
Face milling cutter max	Ø 80 mm
End milling capacity	Ø 25 mm
Tapping capacity	Ø 22 mm
Spindle taper	MT 4
Spindle speed	(6) 75 ÷ 1600 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	Ø 76 mm
Column	Ø 115 mm
Head tilt left and right	± 60°
Manual vertical feed division	0.02 mm
Distance spindle axis - column surface	260 mm
Distance between spindle nose and table	715 mm
Table dimensions	585 x 190 mm
Table slots	12 mm
Longitudinal axis	360 mm
Cross axis	250 mm
Base dimensions	648 x 412 mm
Base slot	14 mm
Motor	230 V 50 Hz 1,5 kW
Cooling pump	230v 50 Hz 0.4 KW
Dimensions	740 x 790 x 1960h mm
Net weight	355 kg



T044/230V & T044/400V

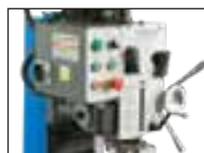
GEARED DRILLING MILLING MACHINE

Square column and dovetail guides, timed reversing, tapping.

INCLUDED ACCESSORIES

- Chuck with key 1 ÷ 16 B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 45 mm
Face milling cutter max	Ø 80 mm
End milling capacity	Ø 32 mm
Tapping capacity	Ø 22 mm
Spindle taper	MT 4
Chuck sizes	1 - 13 mm B16
Spindle speed	(6) 95 ÷ 1600 rpm
Spindle travel	120 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Head tilt left and right	± 60°
Manual vertical feed division	0,02 mm
Distance spindle axis - column surface	240 mm
Max distance spindle nose - table	460 mm
Table dimensions	800 x 240 mm
Slot	14 mm
Longitudinal axis	560 mm
Cross axis	190 mm
Base dimensions	405 x 630 mm
Motor	230 V 50 Hz 1,5 kW
Net weight	300 kg



T059/28V
GEARED DRILLING MILLING MACHINE

Variable speed, with digital display of spindle speed and digital display of depth.

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Spindle drilled MT 3
- Oilcan
- Draw bar M12
- Service wrenches



Max drilling capacity on steel with pre-drilling holes(s235jr)	Ø 28 mm
Face milling cutter max	Ø 63 mm
End milling capacity	Ø 28 mm
Spindle taper	MT 3
Chuck sizes	3 - 16 mm B16
Spindle speed	100 ÷ 2500 rpm ±10%
Spindle rotation	L - R
Spindle stroke	70 mm
Quill	70 mm
Headstock travel	380 mm
Head tilt left and right	±90°
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	190 mm
Cross axis	440 mm
Motor	230 V 50 Hz 1,1 kW
Net weight	270 kg


T061A
GEARED DRILLING MILLING MACHINE

Variable speed, equipped with light system, chuck speed digital display, depth's digital display.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B16
- Drill chuck shank with hole MT 3
- Oilcan
- Draw bar M12
- Service wrenches



Max drilling capacity on steel with pre-drilling holes(s235jr)	Ø 16 mm
Face milling cutter max	Ø 63 mm
End milling capacity	Ø 20 mm
Spindle taper	MT 3
Chuck sizes	1 - 16 mm B16
Variable spindle speed	I 30 ÷ 1650 rpm ±10% II 2° 40 ÷ 2850 rpm ±10%
Spindle stroke	50 mm
Spindle rotation	Dx - Sx
Quill	60 mm
Headstock travel	290 mm
Head tilt left and right	±90°
Distance between spindle nose and table	350 mm
Table dimensions	700 x 180 mm
Slot	12 mm
Longitudinal axis	175 mm
Cross axis	490 mm
Motor	230 V 50 60 Hz 1,1 kW
Net weight	120 kg



T059/16V
GEARED DRILLING MILLING MACHINE

With variable speed.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank with hole MT 2 B16
- Oilcan
- Draw bar M10
- Service wrenches



Max drilling capacity on steel with pre-drilling hole(≤235jr)	Ø 16 mm
Face milling cutter max	Ø 50 mm
End milling capacity	Ø 16 mm
Spindle taper	MT 2
Chuck sizes	1 - 13 mm B16
Spindle speed	I 100 ÷ 1500 rpm ±10% II 200 ÷ 3000 rpm ±10%
Spindle stroke	50 mm
Spindle rotation	Dx
Headstock travel	210 mm
Head tilt left and right	±90°
Table dimensions	400 x 120 mm
Slot	10 mm
Longitudinal axis	160 mm
Cross axis	220 mm
Motor	230 V 50 Hz 500 W
Net weight	72 kg


T058
GEARED DRILLING MILLING MACHINE

With variable speed.

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Drill chuck shank with hole MT 3
- Oilcan
- Tie rod M12
- Service wrenches



Max drilling capacity on steel with pre-drilling hole(≤235jr)	Ø 13 mm
Face milling cutter max	Ø 30 mm
End milling capacity	Ø 16 mm
Spindle taper	MT 3
Chuck sizes	3 - 16 mm B16
Spindle speed	I 50 ÷ 1100 rpm ±10% II 120 ÷ 2500 rpm ±10%
Spindle rotation	Dx
Headstock travel	210 mm
Head tilt left and right	±45°
Table dimensions	430 x 110 mm
Distance between spindle nose and table	290 mm
Slot	12 mm
Longitudinal axis	130 mm
Cross axis	250 mm
Motor	230 V 50 Hz 0,55 kW
Net weight	70 kg



T073DA
FLOOR DRILLING MILLING MACHINE

With belt drive, down speed, reversible, cooling system.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Coolant system
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	25 mm
Tapping capacity	24 mm
Spindle taper	MT 4
Chuck sizes	1 - 13 mm B16
Spindle speed	100 - 2200 rpm
Spindle travel	90 mm
Spindle rotation	Dx - Sx
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Feed range	{3} 0,05 - 0,1 - 0,2 mm/rev
Distance spindle axis - column surface	300 mm
Distance between spindle nose and table	125 ÷ 525 mm
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	480 mm
Cross axis	220 mm
Base dimensions	470 x 680 mm
Motor	400 V 50 Hz 1,1 / 1,9 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	850 x 1100 x 1900h mm
Net weight	420 kg


T073
FLOOR DRILLING MILLING MACHINE

With belt drive, reversible, cooling system.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Coolant system
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	25 mm
Tapping capacity	24 mm
Spindle taper	MT 4
Chuck sizes	1 - 13 mm B16
Spindle speed	100 - 2200 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	300 mm
Distance between spindle nose and table	125 ÷ 525 mm
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	480 mm
Cross axis	220 mm
Base dimensions	470 x 680 mm
Motor	400 V 50 Hz 1,1/1,9 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	850 x 1100 x 1900h mm
Net weight	410 kg



T052/400VDA

FLOOR DRILLING MILLING MACHINE

With down feed, rotation selection and drive belt.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 B16
- Spindle drilled MT 3
- Spindle taper shank MT 3 Ø 27 mm
- Reduction sleeve MT 3/2
- Coolant system
- Oilers
- Tie rod M12
- Service keys

Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	20 mm
Spindle taper	MT 3
Chuck sizes	1 - 13 mm B16
Spindle speed	100 ÷ 2080 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	75 mm
Column	115 mm
Headstock travel	405 mm
Manual vertical feed division	0,05 mm
Feed range	0,12 - 0,18 - 0,25 mm/g
Distance spindle axis - column surface	197 mm
Distance between spindle nose and table	600 mm
Table dimensions	585 x 190 mm
Slot	12 mm
Longitudinal axis	180 mm
Cross axis	380 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,5 kW
Cooling pump	400v 50 Hz 0.4 KW
Dimensions	928 x 910 x 1700h mm
Net weight	310 kg



T052/400V

FLOOR DRILLING MILLING MACHINE

With rotation selection and drive belt.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 B16
- Spindle drilled MT 3 B16
- Reduction sleeve MT 3/2
- Coolant system
- Oilers
- Tie rod M12
- Service keys

Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	20 mm
Spindle taper	MT 3
Chuck sizes	1 - 13 mm B16
Spindle speed	100 ÷ 2080 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Column	115 mm
Quill	75 mm
Headstock travel	405 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	197 mm
Distance between spindle nose and table	600 mm
Table dimensions	585 x 190 mm
Slot	12 mm
Longitudinal axis	180 mm
Cross axis	380 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,5 kW
Cooling pump	400v 50 Hz 0.4 KW
Dimensions	928 x 910 x 1700h mm
Net weight	300 kg



T046
DRILLING MILLING MACHINE

With rotation selection and drive belt.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 B16
- Spindle drilled MT 3 B16
- Spindle taper shank MT 3 Ø 27 mm
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M12
- Service keys

Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	20 mm
Spindle taper	MT 3
Chuck sizes	1 - 13 mm B16
Spindle speed	100 ÷ 2080 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 115 mm
Headstock travel	405 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	200 mm
Distance between spindle nose and table	457 mm
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	175 mm
Cross axis	500 mm
Motor	230 V 50 Hz 1,5 kW
Base dimensions	400 x 600 mm
Net weight	250 kg


0599
UNIVERSAL BENCH FOR DRILLING MILLING MACHINES

With tool compartment and lock.



Base dimensions	415 x 625 x 750h mm
Chip pan dimensions	615 x 820 x 30h mm
Bottom Chip pan dimensions	530 x 735 mm
Capacity	400 kg
Net weight	59 kg

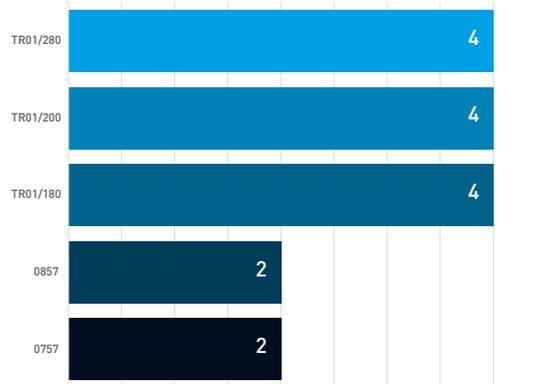
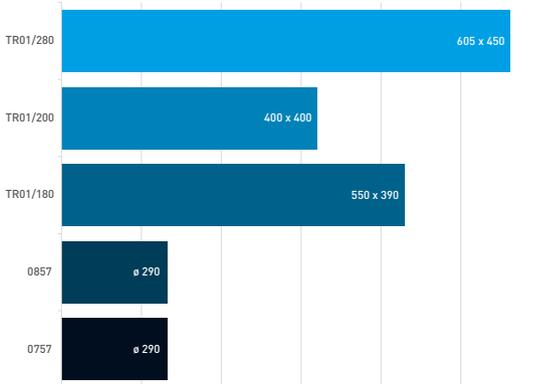


RADIAL DRILLING MACHINE



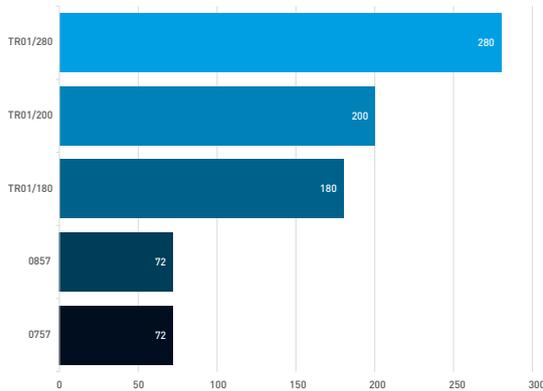
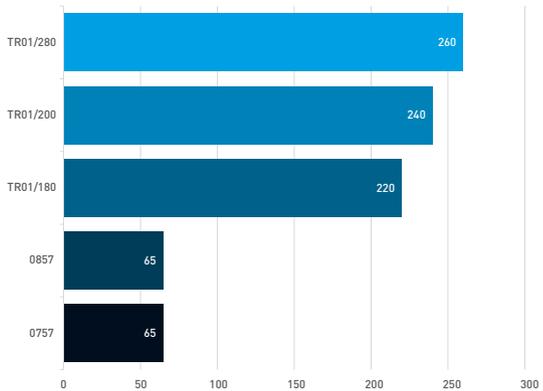
Table dimensions (mm)

MT



Spindle travel (mm)

Column diameter (mm)



TR01/280
RADIAL DRILLING MACHINE

Hydraulic locking between arm and column, reversible, with automatic feeding, coolant system, equipped with Led light. With gear speed change.

- 1 **Automatic ascent**
- 2 **Working lamp**
- 3 **Bloc**
- 4 **Automatic feeding**

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 13 mm B18
- Spindle drilled MT 4 B18
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- LED Lamp
- Coolant system
- Base cube

Max drilling capacity on cast iron with pre-drilling hole	Ø 50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 40 mm
Continuous drilling capacity	Ø 40 mm
Spindle taper	MT 4
Chuck	
Spindle speed	(12) 40 ÷ 1896 rpm
Spindle travel	260 mm
Quill	Ø 67 mm
Column	280 mm
Distance spindle axis - column surface	1370 mm
Distance between spindle nose and table	840 mm
Distance between spindle nose and base	1210 mm
Feed range	(4) 0.13 ÷ 0.54 mm/rev
Cube dimensions	610 x 460 x 370 mm
Slot	16 mm 20 mm
Base dimensions	1960 x 800 mm
Motor	400 V 50 Hz 3,0 kW
Lifting motor radial arm	400 V 50 Hz 0,75 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	2050 x 820 x 2480 mm
Net weight	2100 kg



TR01/200
RADIAL DRILLING MACHINE

Reversible, with automatic feeding, coolant system, equipped with Led light. With gear speed change.

- 1** Automatic ascent
- 2** Working lamp
- 3** Bloc
- 4** Automatic feeding

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 13 mm B18
- Spindle drilled MT 4 B18
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- LED Lamp
- Coolant system
- Base cube

Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	40 mm
Continuous drilling capacity	36 mm
Spindle taper	MT 4
Chuck sizes	3 ÷ 13 mm B18
Spindle speed	(6) 75 ÷ 1220 rpm
Spindle travel	240 mm
Quill	70 mm
Column	200 mm
Distance spindle axis - column surface	1020 mm
Distance between spindle nose and table	860 mm
Distance between spindle nose and base	1210 mm
Feed range	(3) 0,1 - 0,16 - 0,25 mm/rev
Cube dimensions	400 x 400 x 350 mm
Slot	18 mm
Base dimensions	1370 x 700 mm
Motor	400 V 50 Hz 1,5 kW
Lifting motor radial arm	400 V 50 Hz 0,75 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	1760 x 770 x 2100h mm
Net weight	1250 kg



TR01/180

RADIAL DRILLING MACHINE

Reversible, with automatic feeding, coolant system, equipped with Led light. With gear speed change.

- 1 Working lamp
- 2 Bloc
- 3 Automatic feeding

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Spindle drilled MT 4 B16
- Reduction sleeve MT 4/3
- LED Lamp
- Coolant system
- Base cube

Max drilling capacity on cast iron with pre-drilling hole	40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Continuous drilling capacity	28 mm
Spindle taper	MT 4
Chuck sizes	3 ÷ 16 mm B16
Spindle speed	{6} 75 ÷ 1220 rpm
Spindle travel	220 mm
Quill	65 mm
Column	180 mm
Distance spindle axis - column surface	350 ÷ 870 mm
Distance between spindle nose and table	0 ÷ 640 mm
Distance between spindle nose and base	310 ÷ 980 mm
Feed range	{3} 0,1 – 0,16 – 0,25 mm/rev
Cube dimensions	550 x 390 x 350 mm
Slot	18 mm
Base dimensions	1300 x 650 mm
Motor	400 V 50 Hz 1,5 kW
Lifting motor radial arm	400V 50 Hz 0,55 kW
Cooling pump	400V 50 Hz 0,40 kW
Dimensions	1400 x 650 x 1900 h mm
Net weight	1050 kg



0857
RADIAL FLOOR DRILL PRESS WITH DRIVE BELT

Rotating and tilting table with double arm, tilting head, electrical system with separate 24V circuit for on-board machine controls.

INCLUDED ACCESSORIES

- Keyless chuck $\varnothing 16$ mm B16
- Chuck mount MT 2



Max drilling capacity on cast iron with pre-drilling hole	$\varnothing 20$ mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	$\varnothing 16$ mm
Continuous drilling capacity	$\varnothing 12$ mm
Spindle taper	MT 2
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 300 ÷ 2550 rpm
Spindle travel	65 mm
Quill	$\varnothing 40$ mm
Column	$\varnothing 72$ mm
Sliding travel	280 mm
Head tilt left and right	90° L ; 45° R
Height	1600 mm
Distance spindle axis - column surface	375 mm
Distance between spindle nose and base	1290 mm
Table dimensions	$\varnothing 290$ mm
Motor	230 V 50 Hz 0,375 kW
Dimensions	950 x 300 x 1600 mm
Net weight	60 kg


0757
RADIAL DRILL PRESS WITH DRIVE BELT

Rotating and tilting table with double arm, tilting head, electrical system with separate 24V circuit for on-board machine controls.

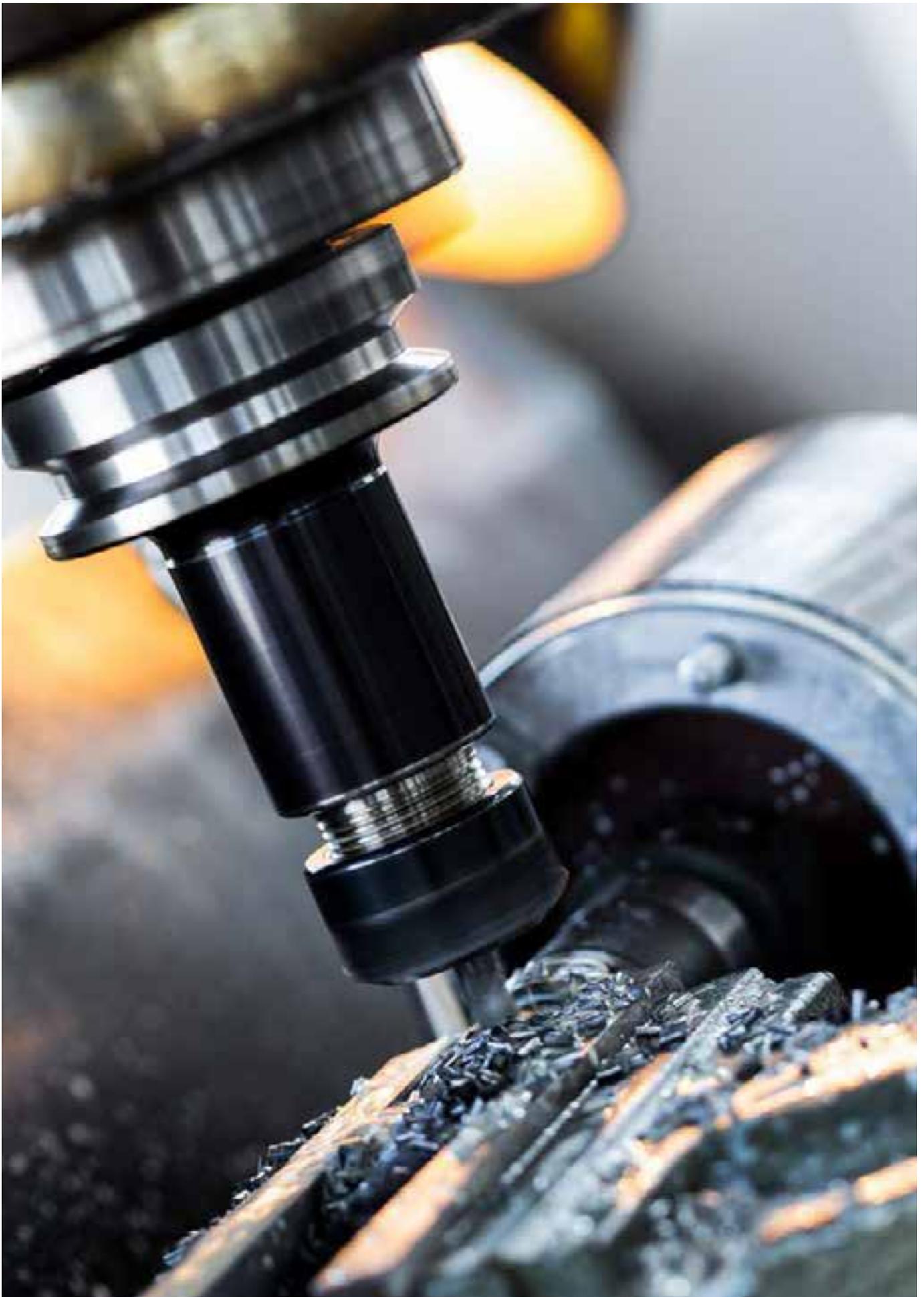
INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 2



Max drilling capacity on cast iron with pre-drilling hole	$\varnothing 20$ mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	$\varnothing 16$ mm
Continuous drilling capacity	$\varnothing 12$ mm
Spindle taper	MT 2
Chuck sizes	2 - $\varnothing 16$ mm
Spindle speed	(12) 300 ÷ 2550 rpm
Spindle travel	65 mm
Quill	$\varnothing 40$ mm
Column	$\varnothing 72$ mm
Sliding travel	280 mm
Head tilt left and right	90° L ; 45° R
Height	810 mm
Distance spindle axis - column surface	375 mm
Distance between spindle nose and base	505 mm
Table dimensions	$\varnothing 290$ mm
Tilting table	$\pm 45^\circ$
Motor	230 V 50 Hz 0,375 kW
Dimensions	950 x 300 x 810h mm
Net weight	46 kg





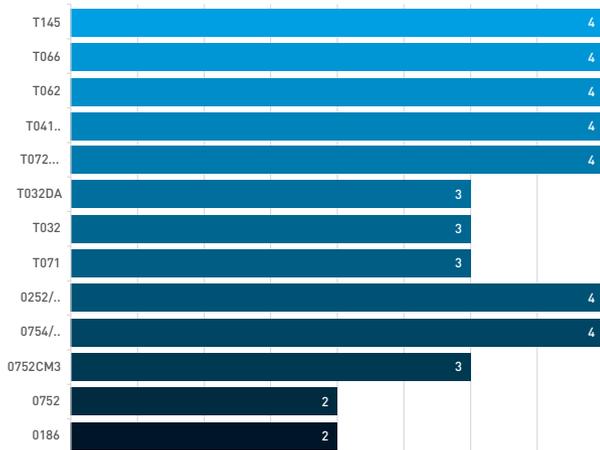
FLOOR DRILL PRESSES

T145**T066****T062****T041/..****T072...****T032DA****T032****T071****0252/...****0754/...****0752CM3****0752****0186**

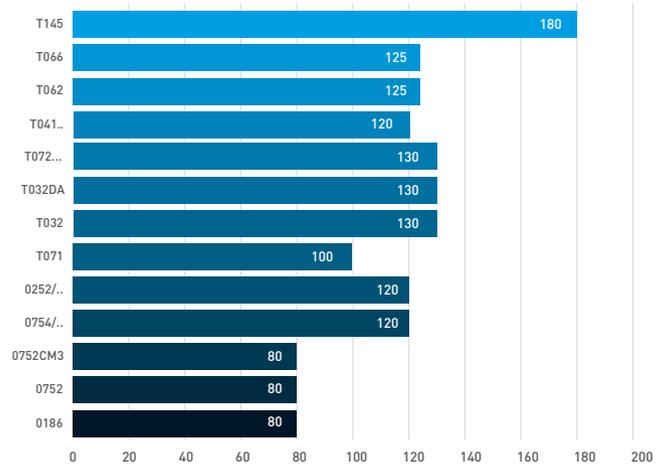


FLOOR DRILL PRESSES

MT



Spindle travel (mm)



Column diameter (mm)

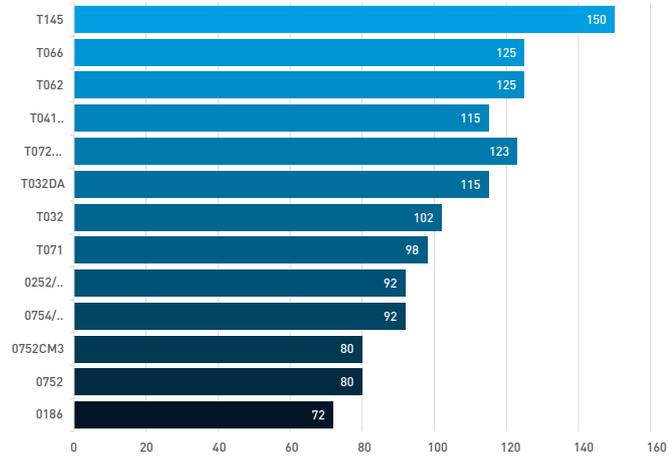
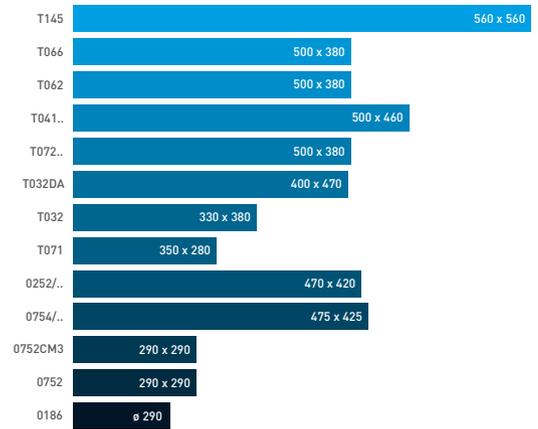


Table dimensions (mm)



T145
GEARED DRILLING MACHINE

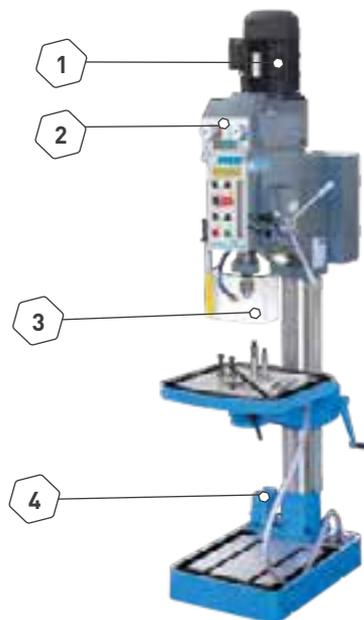
Reversible, with automatic feeding, coolant system and equipped with light, partially rotating table.

- 1** Induction motor
- 2** Gearbox levers
- 3** Chuck safeguard
- 4** Cooling pump

INCLUDED ACCESSORIES

- Key type drill chuck 1- 13 mm B16
- Drill chuck arbor MT4 B16
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 45 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 40 mm
Continuous drilling capacity	Ø 35 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(18) 50 ÷ 1450 rpm
Spindle travel	180 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 150 mm
Feed range	(2) 0,1 - 0,20 mm/g
Distance spindle axis - column surface	350 mm
Distance between spindle nose and table	780 mm
Distance between spindle nose and base	1320 mm
Table dimensions	560 x 560 mm
Slot	18 mm
Tilting table	±90°
Base dimensions	500 x 730 mm
Motor	400 V 50 Hz 1,5 / 2,4 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	935 x 530 x 2280 mm
Net weight	550 kg


T066
GEARED DRILLING MACHINE

Reversible, with automatic feeding, coolant system, reversible table with 145 mm vice included, equipped with light.

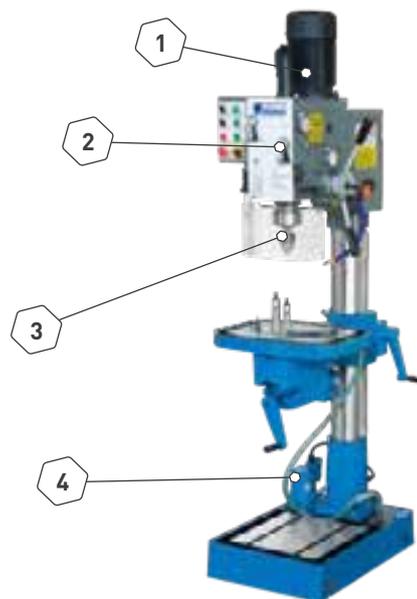
- 1** Induction motor
- 2** Gearbox levers
- 3** Chuck safeguard
- 4** Cooling pump

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Spindle drilled MT 4 B16
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2



Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	125 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 125 mm
Feed range	(3) 0,1 - 0,18 - 0,26 mm/g
Distance spindle axis - column surface	320 mm
Distance between spindle nose and table	80-680 mm
Distance between spindle nose and base	1140 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	500 x 750 x 2000 mm
Net weight	400 kg



T062
GEARED DRILLING MACHINE

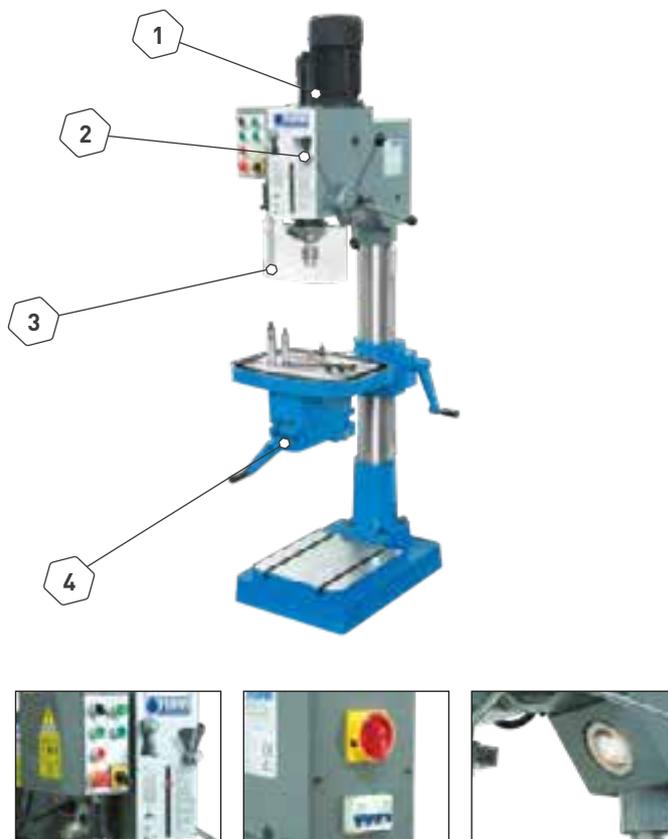
Reversible, table reversible with 145 mm vice, equipped with light.

- 1** Induction motor
- 2** Gearbox levers
- 3** Chuck safeguard
- 4** Tilting table with vice included

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Spindle drilled MT 4 B16
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling holes(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	125 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 125 mm
Distance spindle axis - column surface	320 mm
Distance between spindle nose and table	80 ÷ 680 mm
Distance between spindle nose and base	1140 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	460 x 650 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Dimensions	500 x 750 x 2000 mm
Net weight	350 kg


T041DA
GEARED DRILLING MACHINE

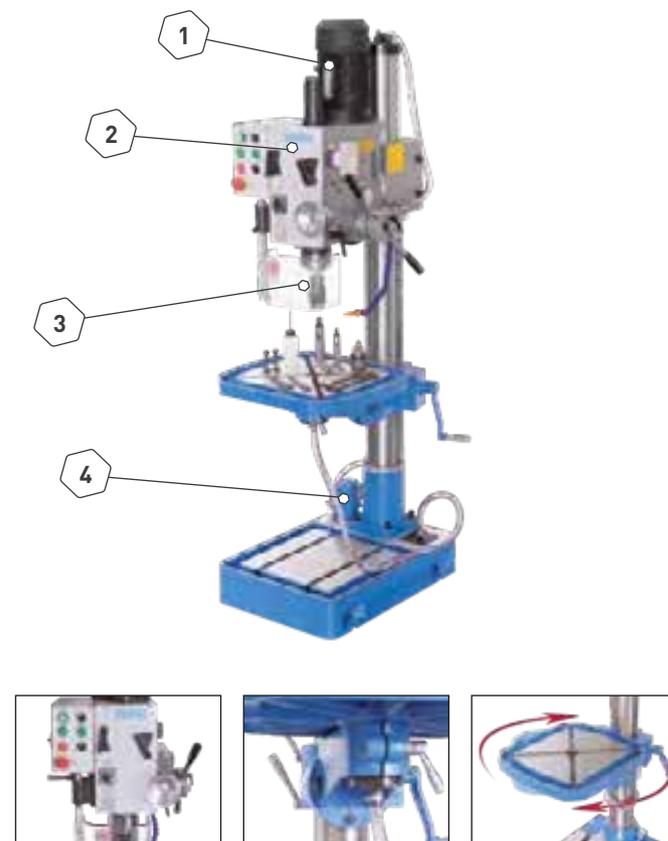
Reversible, tilting head, cooling system, timed tapping and automatic down feed, rotating table.

- 1** Induction motor
- 2** Gearbox levers
- 3** Chuck safeguard
- 4** Cooling pump

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 4
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling holes(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Tapping capacity	22 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 16 B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	120 mm
Spindle rotation	Dx - Sx
Head tilt left and right	±60°
Quill	Ø 76 mm
Column	Ø 115 mm
Feed range	(3) 0,1 - 0,18 - 0,26 mm/g
Distance spindle axis - column surface	297 mm
Distance between spindle nose and table	715 mm
Distance between spindle nose and base	1180 mm
Table dimensions	500 x 460 mm
Slot	14 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Dimensions	700 x 480 x 1850 mm
Net weight	340 kg



T041
GEARED DRILLING MACHINE

Reversible, tilting head and timed tapping, partially rotating table

1 Induction motor

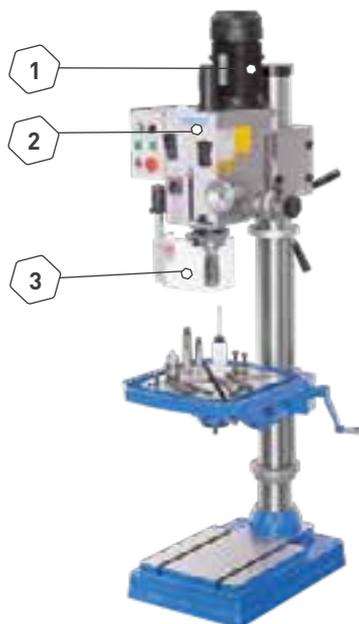
3 Included vice

2 Gearbox levers

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 4
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Tapping capacity	22 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 16 B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	120 mm
Spindle rotation	Dx - Sx
Head tilt left and right	±60°
Quill	Ø 76 mm
Column	Ø 115 mm
Distance spindle axis - column surface	297 mm
Distance between spindle nose and table	715 mm
Distance between spindle nose and base	1180 mm
Table dimensions	500 x 460 mm
Slot	14 mm
Base dimensions	650 x 450 x 80 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Dimensions	700 x 480 x 1820 mm
Net weight	330 kg


T072DA
FLOOR DRILLING MACHINE WITH DRIVE BELT

Reversible, with automatic feeding, coolant system, reversible table with 140 mm vice.

1 Induction motor

3 Tilting table with vice included

2 Chuck safeguard

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Morse taper reduction sleeve MT 4/3
- Morse taper reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 38 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 32 mm
Continuous drilling capacity	Ø 28 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 B16
Spindle speed	100 ÷ 2200 rpm
Spindle travel	130 mm
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Feed range	(3) 0,05 - 0,1 - 0,2 mm/rev
Distance between spindle nose and table	300 mm
Distance between spindle nose and base	1220 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	460 x 670 mm
Motor	400 V 50 Hz 1,1/1,9 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	700 x 1100 x 1900 mm
Net weight	385 kg



T072
FLOOR DRILLING MACHINE WITH BELT DRIVE

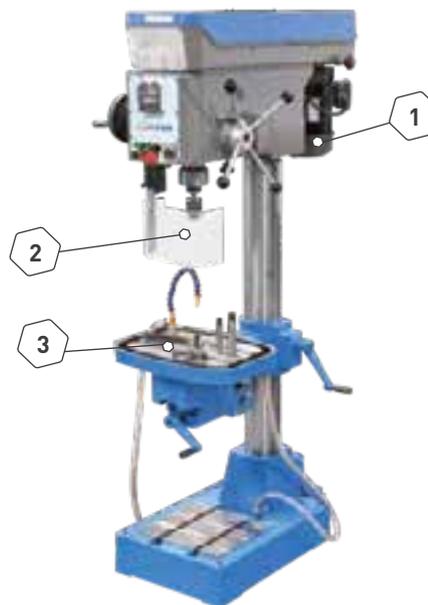
Reversible, table reversible with 140 mm vice, cooling system.

- 1 **Induction motor**
- 2 **Chuck safeguard**
- 3 **Tilting table with vice included**

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Morse taper reduction sleeve MT 4/3
- Morse taper reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 38 mm
Drilling capacity:Steel C60	Ø 32 mm
Continuous drilling capacity	Ø 28 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	100 - 2200 rpm
Spindle travel	130 mm
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	300 mm
Distance between spindle nose and table	50 ÷ 800 mm
Distance between spindle nose and base	1220 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	610 x 670 mm
Motor	400 V 50 Hz 1,1 - 1,9 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	700 x 1100 x 1900 mm
Net weight	375 kg


T032DA
FLOOR DRILL PRESS WITH DRIVE BELT

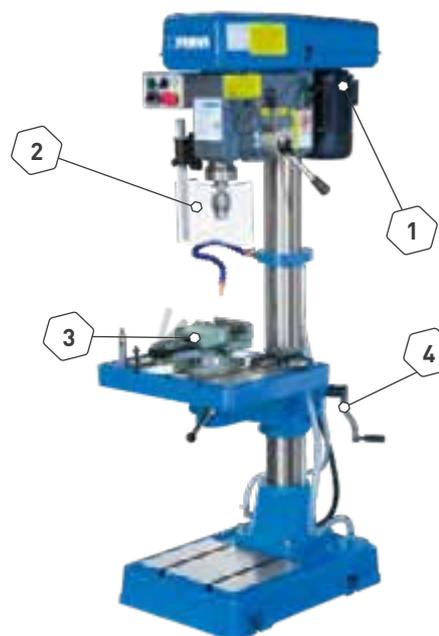
With autofee, coolant system, partially rotating table, with 125 mm vice.

- 1 **Induction motor**
- 2 **Chuck safeguard**
- 3 **Included vice**
- 4 **Adjustable table**

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 B18
- Spindle drilled MT 3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 31,75 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 31,75 mm
Continuous drilling capacity	Ø 25 mm
Spindle taper	MT 3
Chuck sizes	1 ÷ 16 B18
Spindle speed	(8) 160 ÷ 2200 rpm
Spindle travel	130 mm
Column	Ø 115 mm
Feed range	0,1 - 0,16 - 0,26 mm/giro
Distance spindle axis - column surface	223 mm
Distance between spindle nose and table	696 mm
Distance between spindle nose and base	1135 mm
Table dimensions	400 x 470 mm
Travel of table	510 mm
Slot	14 mm
Base dimensions	400 x 310 mm
Motor	400 V 50 Hz 0,85 kW / 1,1 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	900 x 545 x 1765 mm
Net weight	340 kg



T032
FLOOR DRILL PRESS WITH DRIVE BELT

Partially rotating table, with 125 mm vice.

- 1** Induction motor
- 2** Gearbox levers
- 3** Induction motor
- 4** Chuck safeguard

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 B18
- Spindle drilled MT 3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 31,75 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 31,75 mm
Spindle taper	MT 3
Continuous drilling capacity	Ø 25 mm
Chuck sizes	1 ÷ 16 B18
Spindle speed	(9) 160 ÷ 1880 rpm
Spindle travel	130 mm
Column	Ø 102 mm
Distance spindle axis - column surface	230 mm
Distance between spindle nose and table	700 mm
Distance between spindle nose and base	1175 mm
Table dimensions	330 x 380 mm
Travel of table	670 mm
Slot	14 mm
Base dimensions	300 x 325 mm
Motor	400V 50Hz 1,5 kW
Dimensions	900 x 430 x 1760 mm
Net weight	280 kg


T071
FLOOR DRILLING MACHINE WITH DRIVE BELT

Reversible, with tapping function, reversible table with 120 mm vice.

- 1** Induction motor
- 2** Gearbox levers
- 3** Tilting table with vice included
- 4** Chuck safeguard

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 3 B16
- Morse taper reduction sleeve MT 3/2
- Morse taper reduction sleeve MT 2/1

Max drilling capacity on cast iron with pre-drilling hole	Ø 30 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Continuous drilling capacity	Ø 25 mm
Spindle taper	MT 3
Chuck sizes	1 ÷ 16 mm B18
Spindle speed	(16) 127 ÷ 2380 rpm
Spindle travel	100 mm
Quill	Ø 62 mm
Column	Ø 98 mm
Distance spindle axis - column surface	203 mm
Distance between spindle nose and table	145-895 mm
Distance between spindle nose and base	1200 mm
Table dimensions	350 x 280 mm
Slot	12 mm
Tilting table	±90°
Vice	90 mm
Base dimensions	410 x 560 mm
Motor	400 V 50 Hz 0,5 / 1 kW
Dimensions	530 x 820 x 1700 mm
Net weight	200 kg



0252/230V & 0252/400V
FLOOR DRILL PRESS WITH DRIVE BELT

New belt tension device, reversible table with integrated sliding vice, drilling depth readout, Led light included.

- 1 Working light
- 2 Table lifting wheel
- 3 Casted head
- 4 Tilting base with integrated sliding vice

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 4

Max drilling capacity on cast iron with pre-drilling hole	Ø 32 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Continuous drilling capacity	Ø 20 mm
Spindle taper	MT 4
Chuck sizes	1 - 16 mm B18
Spindle speed	(12) 150 ÷ 2450 rpm
Spindle travel	120 mm
Quill	ø 62 mm
Column	ø 92 mm
Height	1720 mm
Distance spindle axis - column surface	255 mm
Distance between spindle nose and table	700 mm
Table dimensions	460 x 425 mm
Distance between spindle nose and base	1220 mm
Slot	14 mm
Vice	210 x 165 mm
Motor	230 V 50 Hz 1,5 kW
Net weight	135 kg


0754/230V & 0754/400V
FLOOR DRILL PRESS WITH DRIVE BELT

Inclination table. Electrical system with separate 24V circuit for on-board machine controls.

- 1 Induction motor
- 2 Table lifting wheel
- 3 Casted head
- 4 Tilting base

INCLUDED ACCESSORIES

- Keyless chuck 5 - 20 mm B22
- Drill chuck shank MT 4

Max drilling capacity on cast iron with pre-drilling hole	Ø 32 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Continuous drilling capacity	Ø 20 mm
Spindle taper	MT 4
Chuck sizes	5 - 20 mm B22
Spindle speed	(12) 150 ÷ 2450 rpm
Spindle travel	120 mm
Quill	ø 62 mm
Column	ø 92 mm
Height	1710 mm
Distance spindle axis - column surface	260 mm
Table dimensions	460 x 425 mm
Slot	14 mm
Tilting table	± 45°
Motor	230 V 50 Hz 1,5 kW
Net weight	125 kg



0752CM3
FLOOR DRILL PRESS WITH DRIVE BELT

Rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 3
- Cones remover
- Allen keys



Max drilling capacity on cast iron with pre-drilling hole	Ø 25 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 20 mm
Continuous drilling capacity	Ø 16 mm
Spindle taper	MT 3
Chuck sizes	1 - 16 mm B18
Spindle speed	(16) 220 ÷ 2840 rpm
Spindle travel	80 mm
Quill	Ø 47 mm
Column	Ø 80 mm
Height	1630 mm
Distance spindle axis - column surface	175 mm
Distance between spindle nose and table	420 mm
Distance between spindle nose and base	1190 mm
Table dimensions	290 x 290 mm
Slot	16 mm
Tilting table	± 45°
Turning table	Yes
Base dimensions	460 x 275 mm
Motor	230 V 50 Hz 0,75 kW
Dimensions	300 X 630 X 1630h mm
Net weight	62 kg

0752
VERSION MT2 Ø 16 mm

0186
FLOOR DRILL PRESS WITH DRIVE BELT

Inclinable and rotating table. Electrical system with separate 24V circuit for on-board machine controls.

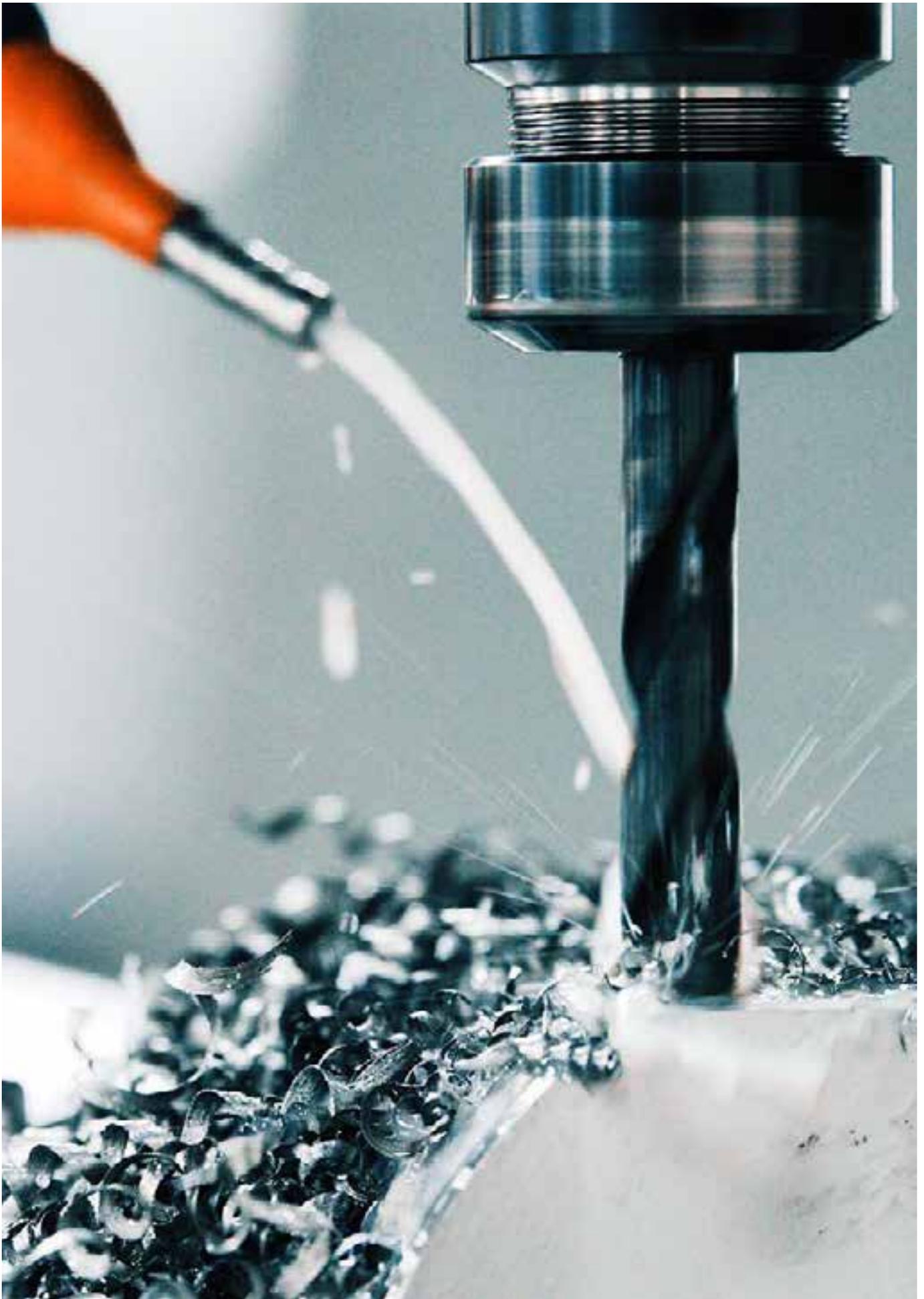
INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 2



Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	MT 2
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 280 ÷ 2380 rpm
Spindle travel	80 mm
Quill	Ø 40 mm
Column	Ø 72 mm
Height	1580 mm
Distance spindle axis - column surface	160 mm
Distance between spindle nose and base	1110 mm
Table dimensions	Ø 290 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,65 kW
Net weight	50 kg



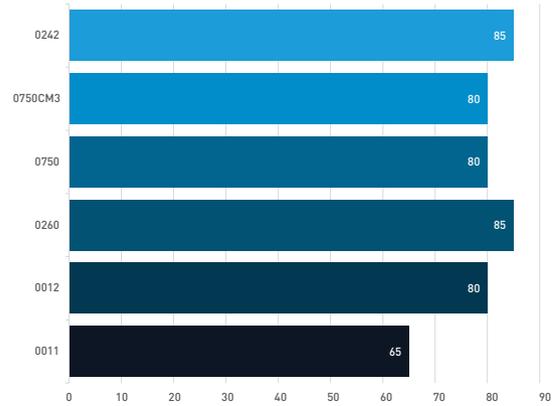
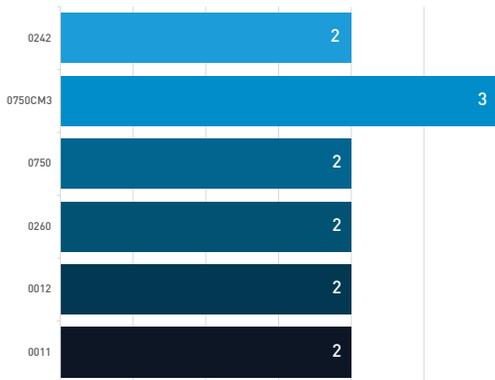


BENCH DRILL PRESSES



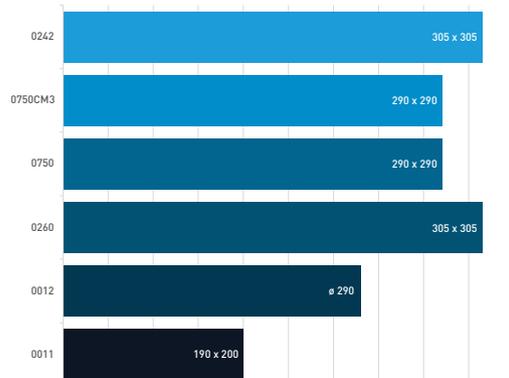
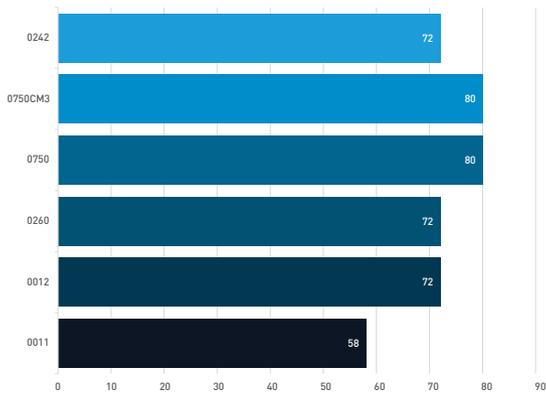
MT

Spindle travel (mm)



Column diameter (mm)

Table dimensions (mm)



0242
DRILL PRESS WITH DRIVE BELT

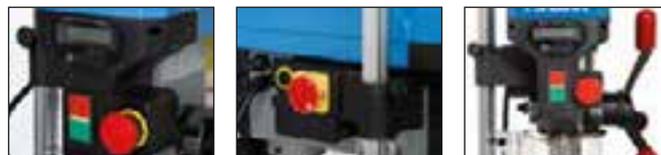
New belt tension device, drilling depth readout, Led light included, rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

- 1 Induction motor
- 2 Table lifting wheel
- 3 Working lamp
- 4 Tilting base

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 2

Max drilling capacity on cast iron with pre-drilling hole	Ø 25 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 20 mm
Continuous drilling capacity	Ø 16 mm
Spindle taper	MT 2
Chuck sizes	1 - 16 mm B18
Spindle speed	(16) 180 ÷ 2770 rpm
Spindle travel	85 mm
Quill	ø 47 mm
Column	ø 72 mm
Height	990 mm
Distance spindle axis - column surface	180 mm
Distance between spindle nose and table	420 mm
Distance between spindle nose and base	600 mm
Table dimensions	305 x 305 mm
Slot	16 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,75 kW
Net weight	60 kg


0750CM3
DRILL PRESS WITH DRIVE BELT

Rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

- 1 Induction motor
- 2 Table lifting wheel
- 3 Tilting base

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 3
- Cones remover
- Allen keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 25 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 20 mm
Continuous drilling capacity	Ø 16 mm
Spindle taper	MT 3
Chuck sizes	1 - 16 mm B18
Spindle speed	(16) 220 ÷ 2840 rpm
Spindle travel	80 mm
Quill	Ø 47 mm
Column	Ø 80 mm
Height	990 mm
Distance spindle axis - column surface	175 mm
Distance between spindle nose and table	420 mm
Distance between spindle nose and base	600 mm
Table dimensions	290 x 290 mm
Slot	14 mm
Tilting table	± 45°
Turning table	Yes
Base dimensions	460 x 275 mm
Motor	230 V 50 Hz 0,75 kW
Dimensions	300 X 630 X 990h mm
Net weight	57 kg

0750
VERSION MT2 Ø 16 mm


0260
DRILL PRESS WITH DRIVE BELT

New belt tension device, drilling depth readout, Led light included, rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

- 1 **Induction motor**
- 2 **Table lifting wheel**
- 3 **Working lamp**
- 4 **Tilting and swivel base**

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 13 B16
- Drill chuck shank MT 2

Max drilling capacity on cast iron with pre-drilling hole	ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	MT 2
Chuck sizes	1 - 13 mm B16
Spindle speed	(16) 180 ÷ 2770 rpm
Spindle travel	85 mm
Quill	ø 40 mm
Column	ø 72 mm
Height	980 mm
Distance spindle axis - column surface	160 mm
Distance between spindle nose and table	435 mm
Distance between spindle nose and base	625 mm
Table dimensions	305 x 305 mm
Slot	16 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,55 kW
Net weight	50 kg


0012
DRILL PRESS WITH DRIVE BELT

Inclinable and rotating table. Electrical system with separate 24V circuit for on-board machine controls.

- 1 **Induction motor**
- 2 **Table lifting wheel**
- 3 **Casted head**
- 4 **Tilting and swivel base**

INCLUDED ACCESSORIES

- Keyless chuck 1 - 16 mm B16
- Drill chuck arbor MT 2 B16

Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 280 ÷ 2380 rpm
Spindle travel	80 mm
Quill	ø 40 mm
Column	ø 72 mm
Height	990 mm
Distance spindle axis - column surface	160 mm
Distance between spindle nose and table	435 mm
Distance between spindle nose and base	650 mm
Table dimensions	ø 290 mm
Motor	230 V 50 Hz 0,65 kW
Net weight	48 kg





0011

DRILL PRESS WITH DRIVE BELT

Vertical movement of the table with rack, tilting table. Electrical system with separate 24V circuit for on-board machine controls.

INCLUDED ACCESSORIES

- Keyless chuck 1 - 13 mm B16



Max drilling capacity on cast iron with pre-drilling hole	Ø 13 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 10 mm
Chuck sizes	1 - 13 mm B16
Spindle speed	(5) 620 ÷ 2620 rpm
Spindle travel	65 mm
Quill	ø 40 mm
Column	ø 58 mm
Height	690 mm
Distance spindle axis - column surface	130 mm
Distance between spindle nose and base	330 mm
Table dimensions	190 x 200 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,375 kW
Dimensions	315 x 530 x 690h mm
Net weight	25 kg



0518/20
MAGNETIC DRILL

With coolant system for core drills until 20 mm with weldon shank \varnothing 19.05 mm and straight shank drills until \varnothing 20 mm with reduced shank \varnothing 13 mm.



Continuous drilling capacity	\varnothing 20 mm
Key chuck	\varnothing 13 mm
Arbor	Weldon \varnothing 19,05 mm
Spindle travel	165 mm
Max working capacity	\varnothing 20 mm
Max. magnetic force	8500 N
Spindle speed	650 rpm
Motor	230 V 50 Hz 0.9 kW
Dimensions	300 x 260 x 450 mm
BMC	442 x 395 x 175 mm
Net weight	15 kg


0518/30
MAGNETIC DRILL

With coolant system for core drills until 30 mm with weldon shank \varnothing 19.05 mm and straight shank drills until \varnothing 20 mm with reduced shank \varnothing 13 - 16 mm.

Continuous drilling capacity	\varnothing 20 mm
Key chuck	\varnothing 16 mm
Arbor	Weldon \varnothing 19,05 mm
Spindle travel	175 mm
Max working capacity	\varnothing 30 mm
Max. magnetic force	11000 N
Spindle speed	450 rpm
Base dimensions	170 x 90 mm
Motor	230 V 50 Hz 1.1 kW
Dimensions	360 x 280 x 490 mm
BMC	527 x 472 x 242 mm
Net weight	23 kg


0518/50
MAGNETIC DRILL

With coolant system for core drills until 50 mm with weldon shank \varnothing 19.05 mm, morse taper shank drills mt 3 and straight shank drills until \varnothing 20 mm with reduced shank \varnothing 13 - 16 mm.

Continuous drilling capacity	\varnothing 20 mm
Key chuck	\varnothing 16 mm
Spindle taper MT	3
Arbor	Weldon \varnothing 19,05 mm
Spindle travel	220 mm
Max working capacity	\varnothing 50 mm
Max. magnetic force	15000 N
Spindle speed	400 - 600 rpm
Base dimensions	205 x 110 mm
Motor	230 V 50 Hz 1.5 kW
Dimensions	400 x 310 x 475 mm
BMC	587 x 489 x 265 mm
Net weight	35 kg



0518/38M
MAGNETIC TAPPING/DRILL

With coolant system for core drills until 38 mm with weldon shank \varnothing 19.05 mm and conical drill bits until \varnothing 20 mm. Tapping capacity M4 - M16.

Continuous drilling capacity	\varnothing 20 mm
Spindle taper MT	2
Arbor	Weldon \varnothing 19,05 mm
Spindle travel	180 mm
Max working capacity	\varnothing 38 mm
Tapping capacity	M4 ÷ M16
Max. magnetic force	12000 N
Spindle speed	0 ÷ 500 0 ÷ 800 rpm
Motor	230 V 50 Hz 1,05 kW
Base dimensions	205 x 105 mm
Dimensions	280 x 320 x 510h mm
Net weight	20 kg


0518/55H
HORIZONTAL MAGNETIC DRILL

For core drills until 55 mm with weldon shank \varnothing 19.05 mm.

Arbor	Weldon \varnothing 19,05 mm
Spindle travel	55 mm
Max working capacity	\varnothing 55 mm
Max. magnetic force	15500 N
Spindle speed	640 rpm
Motor	230 V 50 Hz 1,9 kW
Base dimensions	165 x 80 mm
Dimensions	290 x 170 x 185 h mm
BMC	400 x 335 x 165 mm
Net weight	8.5 kg


0518/80
MAGNETIC DRILL

With coolant system for core drills until 80 mm with weldon shank \varnothing 19.05 mm, morse taper shank drills mt 3 and straight shank drills until \varnothing 20 mm with reduced shank \varnothing 13 - 16 mm.

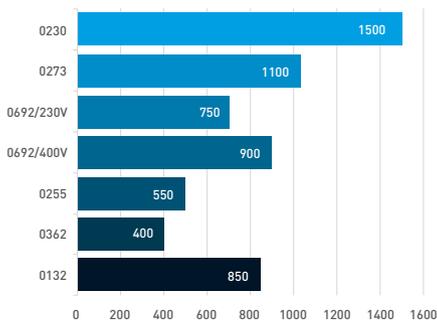
Continuous drilling capacity	\varnothing 20 mm
Spindle taper MT	3
Arbor	Weldon \varnothing 19,05 mm
Spindle travel	280 mm
Max. magnetic force	20000 N
Spindle speed	230 ÷ 770 rpm
Motor	230 V 50 Hz 1.8 kW
Base dimensions	215 x 110 mm
Dimensions	290 x 410 x 550h mm
Net weight	35 kg



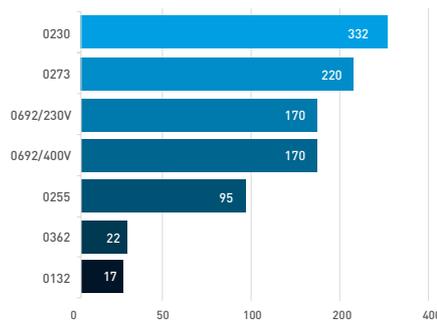
CUTTING BAND SAWS



Power (kW)



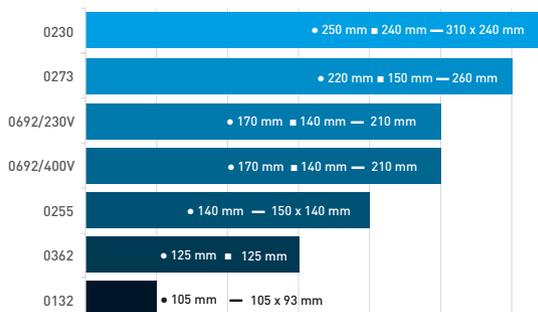
Net weight (Kg)



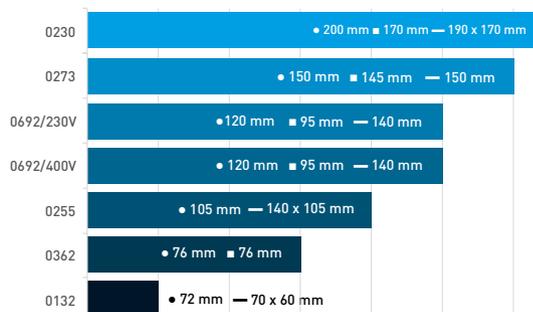
Cut range



Cutting depth at 90°



Cutting depth at 45°



NEW

0230

METAL BAND SAW WITH MANUAL AND HYDRAULIC FEED

With blade tension regulation tool, coolant system, quick vice.

INCLUDED ACCESSORIES

- Blade tension gauge
- Coolant pump
- Quick vice



Blade dimensions	2715 x 27 x 0,9 mm
Motor	400V 50 Hz 0.75 / 1,5 kW
Cutting speed	36 - 72 m/min
Cut range	-45° ÷ 60°
Cutting depth at 90°	• 250 mm ■ 240 mm — 310 x 240 mm
Cutting depth at 45°	• 200 mm ■ 170 mm — 190 x 170 mm
Jaws	145 x 120h mm
Lateral stroke	380 mm
Vice opening	306 mm
Dimensions	1500 x 670 x 1520 mm
Net weight	332 Kg



0273

METAL BAND SAW WITH MANUAL AND HYDRAULIC FEED

With blade tension regulation tool, coolant system, quick vice.

INCLUDED ACCESSORIES

- Blade tension gauge
- Coolant pump
- Quick vice



Blade dimensions	2450 x 27 x 0,9 mm
Three-phase motor	400V 50 HZ 0,59 / 1,1 kW
Cutting speed	36 - 72 m/min
Cut range	0° ÷ 60°
Cutting depth at 90°	• 220 mm ■ 150 mm — 260 mm
Cutting depth at 45°	• 150 mm ■ 145 mm — 150 mm
Jaws	150 x 120 h mm
Vice opening	260 mm
Dimensions	1720 x 880 x 1810 h mm
Net weight	220 kg



0692/230V & 0692/400V
METAL BAND SAW WITH MANUAL AND HYDRAULIC FEED

With blade tension regulation tool, coolant system, quick vice.

INCLUDED ACCESSORIES

- Blade tension gauge
- Coolant pump
- Quick vice



Blade dimensions	2100 x 20 x 0,9 mm
Motor	230V 50 Hz 0,75 kW 400V 50 HZ 0,55 / 0,9 kW
Cutting speed	65 m/min
Cut range	0° ÷ 60°
Cutting depth at 90°	• 170 mm ■ 140 mm — 210 mm
Cutting depth at 45°	• 120 mm ■ 95 mm — 140 mm
Vice opening	260 mm
Dimensions	1500 x 800 x 1620 h mm
Net weight	170 kg


0255
METAL BAND SAW

With coolant system, quick vice, base with cabinet tools.

INCLUDED ACCESSORIES

- Blade tension gauge
- Coolant pump
- Quick vice



Blade dimensions	1735 x 13 x 0,65 mm
Motor	230 V 50 Hz 0,55 kW
Cut range	0 ÷ 60°
Cutting speed	34 m / min
Cutting depth at 90°	— 150 x 140 mm • 140 mm
Cutting depth at 45°	— 140 x 105 mm • 105 mm
Base dimensions	470 x 700 mm
Dimensions	530 x 1000 x 1260h mm
Net weight	95 kg



0362

ELECTRONIC CUTTING BAND SAW FOR BENCH

With inverter motor.



Blade dimensions	1435 x 12,7 x 0,65 mm
Motor	230 V 50 60 Hz 0,4 kW
Cutting speed	35 ÷ 80 m/min
Cut range	0° ÷ 60°
Cutting depth at 90°	• 125 mm ■ 125 mm
Cutting depth at 45°	• 76 mm ■ 76 mm
Dimensions	700 x 360 x 450h mm
Net weight	22 kg



0132

CUTTING BAND SAW

Bench type, easy to carry, with two cutting speed.



Blade dimensions	1335 x 12,7 x 0,65 mm
Speed	{2} 60 80 m / min
Cut range	0° ÷ 45°
Motor	230 V 50 Hz 0,850 kW
Cutting depth at 90°	• 105 mm — 105 x 93 mm
Cutting depth at 45°	• 72 mm — 70 x 60 mm
Net weight	17 kg



0522

FOLDING STAND

Sturdy and resistant frame, adjustable height.



Capacity	150 kg
Plate Dimensions	820 x 460 mm
Working height	600 - 715 - 745 - 770 - 795 - 820 mm
Rollers distance	870 - 1070 - 1350 mm
Rollers height	37 ÷ 470 mm
Net weight	17 kg

0133

ROLLER STAND



Roller shaft diameter	Ø 52 x 350 mm
Height	690 / 1200 mm
Maximum capacity	800 kg
Net weight	15 kg

R003/09
PANTOGRAPH ROLLER CONVEYOR


Capacity	130 kg
Roller diameter	50 mm
Length	485 ÷ 1400 mm
Height	610 ÷ 950 mm
Size	1460 x 660 x 950 h mm
Net weight	31 kg

R001-
ADJUSTABLE HEIGHT ROLLER STAND

With independent height adjustment feet.



Art.	Dimensions	Rollers distance	Roller dimensions	Height	Maximum capacity	Net weight
R001/04	1000 x 460 mm	260 mm	Ø 60 x 360 mm M12	580 / 1030 mm	400 kg	23 kg
R001/07	2000 x 450 mm	250 mm	Ø 60 x 360 mm M12	590 / 1050 mm	400 kg	37 kg

0642
CUT-OFF MACHINE

For dry cutting of metals, with disc protection guard.

Motor	230 V 50 Hz 2 kW
Disc dimensions	355 x 3.0 x 25.4 mm
Disc speed	3800 rpm
Cut range	± 45°
Cutting capacity	■ 100 x 100 mm - ■ 200 x 40 mm - o 100 mm
Vice opening	155 mm - 190 mm - 230 mm
Net weight	19 kg



0565

FLEXIBLE SHAFT GRINDER

With foot speed variator.



Precision key type chuck	0 - 4 mm
Variable speed	500 ÷ 22000 rpm
Flexible shaft length	900 mm
Motor	230 V 50 Hz 185 W

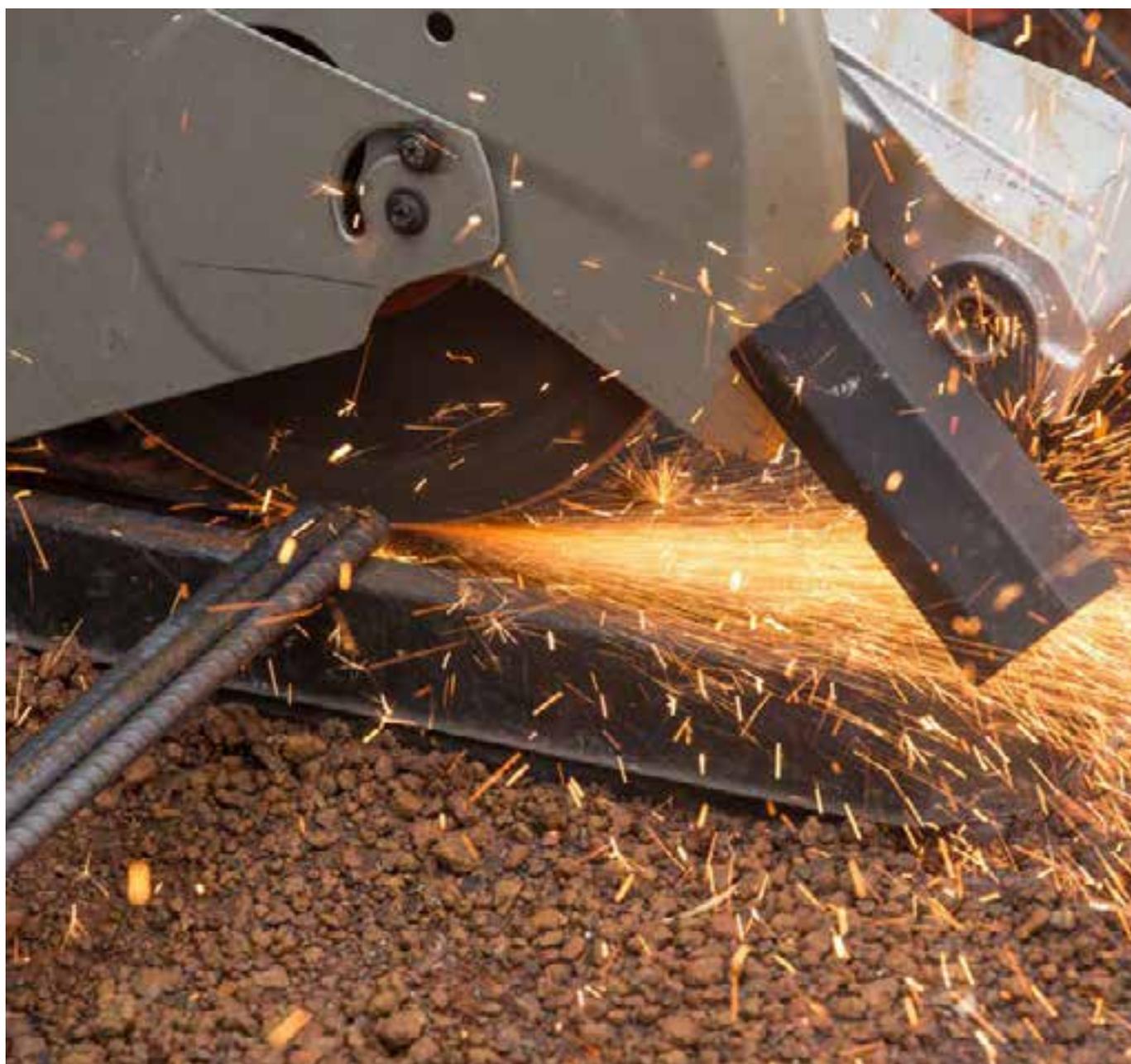
0568

MULTI CUTTING POWER TOOLS SET

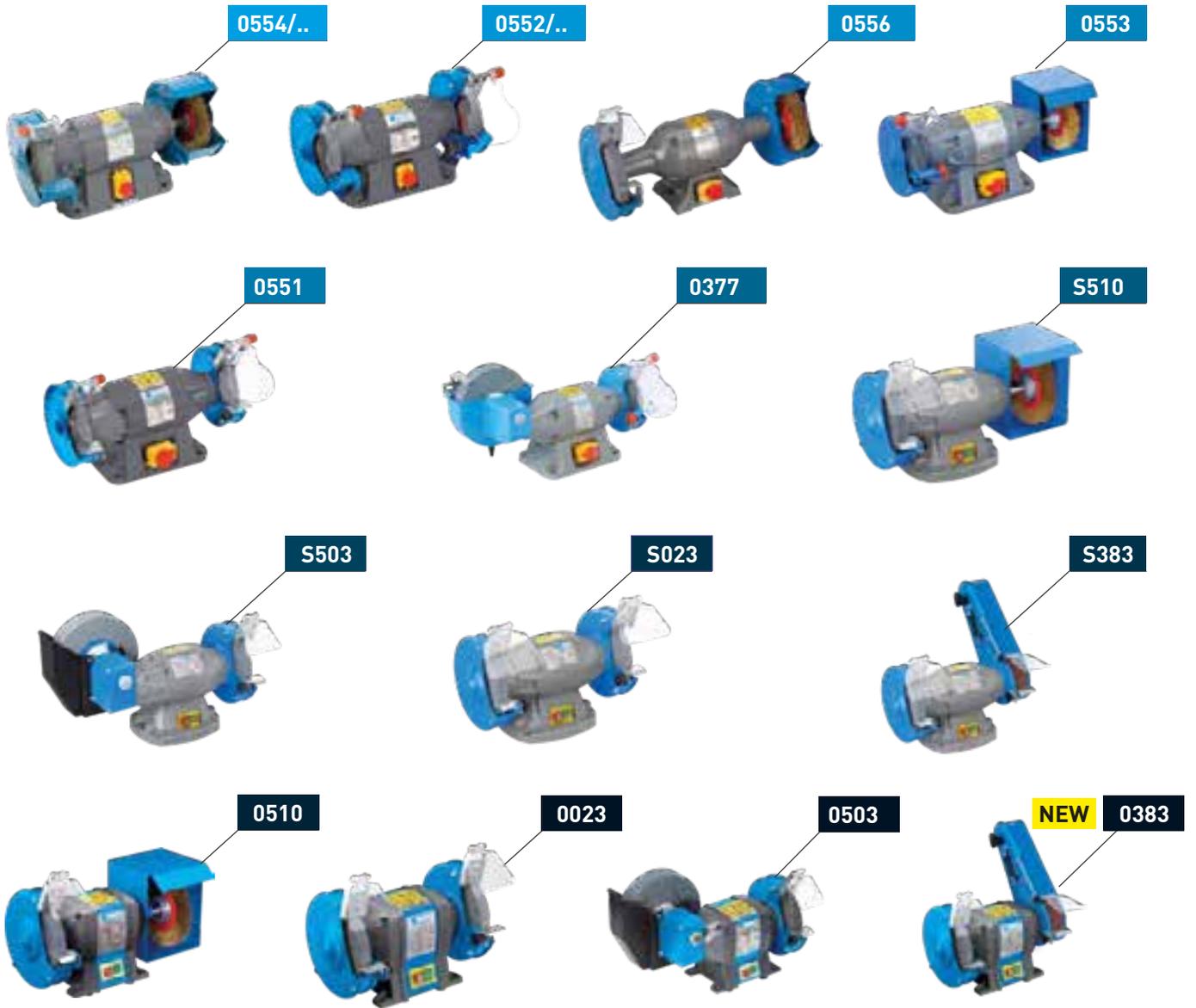
With adjustable stand and flexible shaft grinder.



Precision key type chuck	Ø 3 mm
Variable speed	8000 ÷ 32500 rpm
Flexible shaft length	1000 mm
Stand height	650 mm
Clamp capacity	65 mm
Motor	230 V 50 Hz 135 W

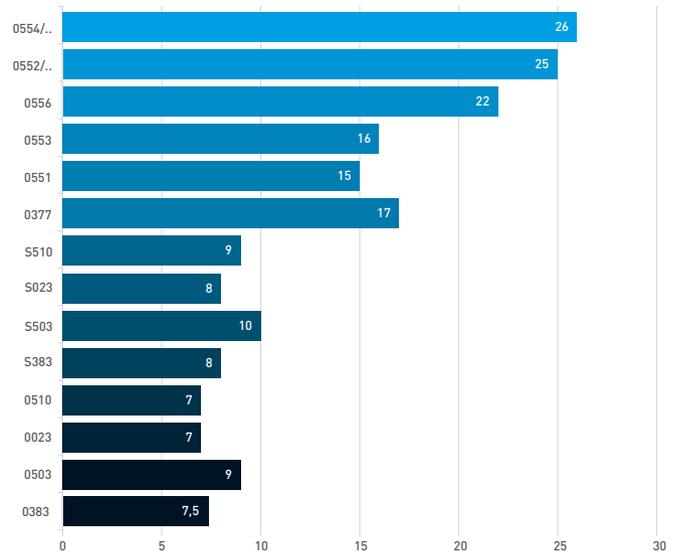
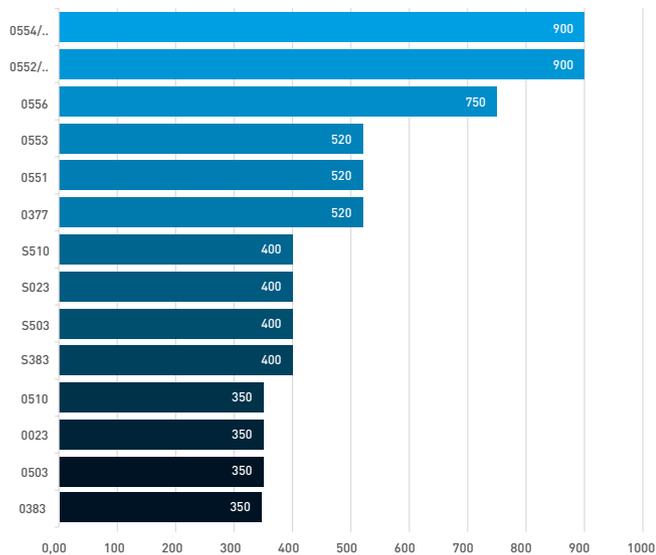


GRINDERS



Power (kW)

Weight (Kg)



0554 & 0554/400V
PROFESSIONAL COMBINED BENCH GRINDER

Grinding wheel guard. Workpiece support square.



Brush	2950 rpm - Ø 200 x 25 x 20 mm
Dry grinding wheel	2950 rpm - Ø 200 x 25 x 20 mm GR36
Motor	230V 50 Hz 0,9 kW 400V 50 Hz 0,9 kW
Usage type	S2 - 10 min
Net weight	26 kg

0552 & 0552/400V
PROFESSIONAL BENCH GRINDER

Grinding wheel guards. Workpiece support square.



Dry grinding wheel	2950 rpm - Ø 200 x 25 x 20 mm GR36 - GR80
Motor	230V 50Hz 0,9 kW 400V 50 Hz 0,9 kW
Usage type	S2 - 10 min
Net weight	25 kg

0556
PROFESSIONAL COMBINED BENCH GRINDER WITH LONG ARMS

Professional combined grinder with long shafts.



Brush	2950 rpm - Ø 200 x 25 x 20 mm
Dry grinding wheel	2950 rpm - Ø 200 x 25 x 20 mm GR36
Motor	230 V 50 Hz 0,75 kW
Usage type	S2 - 10 min
Distance between wheels	510 mm
Net weight	22 kg

0553
PROFESSIONAL COMBINED BENCH GRINDER

Robust and reliable, wheel protection devices, workpiece support bracket.



Brush	2950 rpm - Ø 150 x 20 x 16 mm
Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36
Motor	230 V 50 Hz 0,52 kW
Usage type	S2 - 10 min
Dimensions	440 x 170 x 225 mm
Net weight	16 kg

0551
PROFESSIONAL BENCH GRINDER


Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36 - GR80
Motor	230 V 50 Hz 0,52 kW
Usage type	S2 - 10 min
Dimensions	440 x 170 x 225 mm
Net weight	15 kg

0377
COMBINED BENCH GRINDER


Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR80
Wet grinding wheel	130 rpm - Ø 200 x 40 x 20 mm GR80
Motor	230 V 50 Hz 0,52 kW
Usage type	S2 - 10 min
Net weight	17 kg

S503
WET DRY BENCH GRINDER

With wet grinding wheel and dry grinding wheel.



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR80
Wet grinding wheel	130 rpm - Ø 200 x 40 x 20 mm GR80
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	10 kg

S510
BENCH GRINDER WITH BRUSH

With brush and grinding wheel.



Brush	2950 rpm - Ø 150 x 20 x 16 mm
Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	9 kg

S023
BENCH GRINDER

With two grinding wheels of different grain.



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36 - GR80
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	8 kg

S383
BENCH GRINDER WITH BELT

Strong and reliable



Dry grinding wheel	2950 rpm Ø 150 x 20 x 16 mm GR36
Belt	50 x 686 mm GR100
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	8 kg

0510
BENCH GRINDER WITH BRUSH

With grinding wheel and brush. Bracket for supporting pieces. Holes for fixing on the bench.



Brush	2950 rpm - Ø 150 x 20 x 12,7 mm
Dry grinding wheel	2950 rpm - Ø 150 x 20 x 12,7 mm GR36
Motor	230 V 50 Hz 0,35 kW
Usage type	S2 - 10 min
Net weight	7 kg

0023
BENCH GRINDER

Grinding wheel protection screens. Bracket for piece support.



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 12,7 mm GR36 - GR80
Motor	230 V 50 Hz 0,35 kW
Usage type	S2 - 10 min
Net weight	7 kg

0503

WET DRY BENCH GRINDER

With water grinding wheel and dry grinding wheel.



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 12,7 mm GR80
Wet grinding wheel	130 rpm - Ø 200 x 40 x 20 mm GR80
Motor	230 V 50 Hz 0,35 kW
Usage type	S2 - 10 min
Net weight	9 kg

0383

BENCH GRINDER WITH BELT

NEW



Dry grinding wheel	2950 rpm Ø150 X 20 X Ø12.7 mm GR36
Belt	50 x 686 mm GR100
Motor	230 V 50Hz 0,35kW
Usage type	S2 - 10 min
Net weight	7,5 kg

0555

GRINDING WHEEL STAND



Height	760 mm
Column	Ø 75 mm
Table dimensions	320 x 210 mm
Net weight	13,5 kg

0106

GRINDING WHEEL STAND

Light duty.



Height	760 mm
Column	Ø 75 mm
Table dimensions	320 x 210 mm
Net weight	11 kg

0316

POWER CHAINSAW SHARPENER

With chain feed lever. Grinding wheel protection screen.



Pink grinding wheel	Ø 145 x 4,7 x 22,3 mm Ø 145 x 3,2 x 22,3 mm
Sharpening	+30° / -35°
For chains	1/4" - 3/25" - 3/8" - 4/4" - 3/4"
Motor	230 V 50 Hz 0,23 kW
Net weight	5 kg

0502

POWER CHAINSAW SHARPENER

With chain feed lever. Grinding wheel protection screen.



Pink grinding wheel	Ø 100 x 4,5 x 10 mm
Sharpening	+35° / -35°
For chains	1/4" - 0,325" / 3/8" - 0,404"
Motor	230 V 50 Hz 0,25 kW
Speed	7500 rpm
Usage type	intermittent S2


A003/32
TWIST DRILL GRINDING MACHINE

With ER collets for the twist drills and inclination device of the cutting edges, thinning of the core for greater precision. Possibility of sharpening carbide twist drills with optional grinding wheel.

A003/13A
TWIST DRILL GRINDING MACHINE

With ER collets for the twist drills and inclination device of the cutting edges, thinning of the core for greater precision. Possibility of sharpening carbide twist drills with optional grinding wheel.



Grinding capacity	3 ÷ 32 mm
Tilting tip	95° ÷ 135° / 85° ÷ 140°
Speed	4400 rpm
Motor	230 V 50 Hz 250 W
Dimensions	400 x 260 x 300 mm
Net weight	36 kg

Grinding capacity	3 ÷ 13 mm
Tilting tip	95° ÷ 135°
Speed	4400 rpm
Motor	230 V 50 Hz 120 W
Dimensions	320 x 180 x 190 mm
Net weight	8,5 kg

A0132A

TWIST DRILL GRINDING MACHINE



Grinding capacity	3 ÷ 20 mm
Tilting tip	90° ÷ 140°
Speed	7000 rpm
Motor	230 V 50 Hz 0,6 kW
Dimensions	500 x 230 x 250 mm
Net weight	21 kg

A004/14

END MILL GRINDING MACHINE

With ER collets, suitable for sharpening mills with 2, 3 and 4 cutting edges. Possibility to sharpen hard metal millis with optional grinding wheel.



Grinding capacity	4 ÷ 14 mm
Speed	4400 rpm
Motor	230 V 50 Hz 200 W
Dimensions	350 x 230 x 240 mm
Net weight	12,6 kg

A004/20

END MILL GRINDING MACHINE

With ER collets, suitable for sharpening mills with 2, 3 and 4 cutting edges. Possibility to sharpen hard metal millis with optional grinding wheel.



Grinding capacity	4 ÷ 20 mm
Speed	4400 rpm
Motor	230 V 50 Hz 200 W
Dimensions	350 x 230 x 240 mm
Net weight	16 kg

0804

MANUAL GRINDER FOR SAW BLADE



Grinding capacity	Ø 80 ÷ 700 mm
Speed	2850 rpm
Motor	230 V 50 Hz 0,25 kW
Net weight	29 kg

A003/32CBN
CBN WHEEL

For HSS twist drills from 13.1 to 32 mm.



Dimensions 125 x 20 x 19 mm

A003/32SDC
SDC WHEEL

For hard metal twist drills from 13.1mm to 32 mm.



Dimensions 125 x 20 x 19 mm

A003/13ACBN
CBN WHEEL

For HSS twist drills from 3 to 13 mm.



Dimensions 78,50 x 10 x 12,7 mm

A003/13ASDC
SDC WHEEL

For hard metal twist drills from 3 to 13 mm.



Dimensions 78,50 x 10 x 12,7 mm

A013/26M
DIAMOND WHEEL

In CBN material for HSS twist drills.



Dimensions 85,3 x 22,8 x 25 mm

A0132A/MR
PINK GRINDING WHEEL

Thread m8, ø 40 x 38 mm inner ø 26 mm.


A0132A/MB
WHITE GRINDING WHEEL

Thread M8, ø 40 x 38 mm inner ø 26 mm.


0804/MD
DIAMOND WHEEL

125 x 10 x F32 x 8 mm.



Dimensions 125 x 10 x 8 x 32 mm

A059/M
GRINDER SET

A004/14CBN
CBN WHEEL

For HSS end mills from 4 to 14 mm.


A004/14SDC
SDC WHEEL

For hard metal end mills from 4 to 14 mm.


A004/20CBN
SET OF 2 CBN WHEELS

For HSS end mills from 4 to 20 mm.


A004/20SDC
SET OF 2 SDC WHEELS

For hard metal end mills from 4 to 20 mm.



0691/400V

TILTING BELT SANDER

The rubberized rollers and graphite support bearings provide an even torque throughout use and guarantee the belt's alignment, which can be corrected if necessary using the adjustment knob. The belt is easy to replace via the quick-change mechanism, avoiding unnecessary wasted time. The sander can be tilted quickly thanks to the quick-release lever, allowing you to carry out complex work in comfort.



Belt dimensions	2000 x 150 mm
Speed	(2) 18 / 37 mm/sec
Three-phase motor	400 V 50 Hz 4 kW
Net weight	110 kg



0701

TILTING BELT SANDER

The rubberized rollers and graphite support bearings provide an even torque throughout use and guarantee the belt's alignment, which can be corrected if necessary using the adjustment knob. The belt is easy to replace via the quick-change mechanism, avoiding unnecessary wasted time. The sander can be tilted quickly thanks to the quick-release lever, allowing you to carry out complex work in comfort.



Belt dimensions	2000 x 150 mm GR80
Speed	(2) 15 / 30 mm/sec
Motor	400 V 50 Hz 1,8kW / 2,4kW
Dimensions	1000 x 540 x 610h mm
Net weight	84 Kg

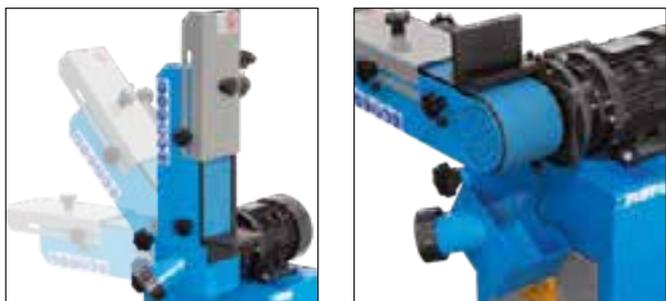


NEW

0667/100

TILTING BELT SANDER

With bench, for horizontal and vertical operations



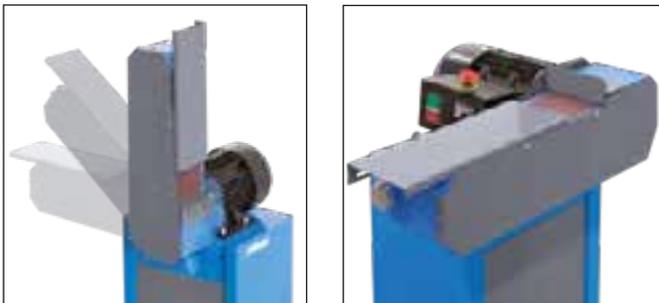
Belt dimensions	1000 x 100 mm
Speed	(2) 9 / 18 m/sec
Three-phase motor	400 V 50 Hz 1,8 - 1,3 kW
Dimensions	690 x 525 x 960h mm
Net weight	70 kg



NEW

0667/150
NEW
TILTING BELT SANDER

With bench, for horizontal and vertical operations



Belt dimensions	1500 x 120 mm
Speed	(2) 9 / 18 m/sec
Three-phase motor	400 V 50 Hz 0,85 / 1,1 kW
Dimensions	790 x 580 x 960h mm
Net weight	85 kg


0662
TILTING BELT SANDER WITH BENCH

Bench to be assembled.

Belt dimensions	1219 x 152 mm
Disc diameter	Ø 230 mm
Working table dimensions	330 x 152 mm
Belt speed	330 m/min
Disc speed	1400 m/min
Dimensions	710 x 510 x 1000h mm
Motor	230 V 50 Hz 0,75 kW
Net weight	54 kg



0560

BENCH CHAMFERING MACHINE



SPUN13P
SPARE PART INSERT



Chamfer	45° 0 - 5 mm
Speed	2800 rpm
Motor	230 V 50 Hz 0,25 kW
Table dimensions	2 - 400 x 50 mm
Mill size	Ø 80 mm - Z 8
Insert	SPUN13P
Net weight	21 kg

0022

PORTABLE CHAMFERING MACHINE



SPUN13P
SPARE PART INSERT



Chamfer	15° - 45° 0 - 5 mm
Speed	2950 rpm
Motor	230 V 50 Hz 0,25 kW
Table dimensions	2 - 200 x 50 mm
Mill size	Ø 80 mm - Z 8
Insert	SPUN13P
Net weight	11,5 kg

0285/75

ELECTRIC SLIP ROLLING MACHINE

With 3 steel rollers with hardness HRC52, safety rope with 3 functions micro switch, mobile controls with double control pedals forward/backward and mushroom emergency switch.



Bed length	1300 mm
Max thickness	1.5 mm
Roller diameter	75 mm
Three-phase motor	400 V 50 Hz 0.75 kW
Net weight	375 kg



0334/0750

SHEAR PRESS BRAKE AND SLIP ROLL

Versatile and strong machine, suitable for making prototypes.



Bed length	750 mm
Max shearing, bending and rolling thickness	1,0 mm
Bending angle	90°
Min. rolling Ø	44 mm
Dimensions	980 x 370 x 550 mm
Net weight	260 kg

0334/1000

SHEAR PRESS BRAKE AND SLIP ROLL

Versatile and strong machine, suitable for making prototypes.



Bed length	1000 mm
Max shearing, bending and rolling thickness	1,0 mm
Bending angle	90°
Min. rolling Ø	48 mm
Dimensions	1335 x 455 x 620 mm
Net weight	317 kg

C022/100

ROLL FORMING MACHINE

With 3 rollers, removable central roller to create complete tubes.



Max length	1000 mm
Max thickness	2 mm
Roller diameter	60 mm
Net weight	200 kg

0776

ROLL FORMING MACHINE

With 3 rollers, with bench equipped with a shelf, removable central roller to create complete tubes.



Max length	1000 mm
Max thickness	0,8 mm
Roller diameter	50 mm
Net weight	105 kg

0776/610

ROLL FORMING MACHINE

3-roller, bench-top, removable central roller to create complete tubes.



Max length	610 mm
Max thickness	0.8 mm
Roller diameter	38 mm
Net weight	37 kg

0235

MINI HAND ROLL FORMING MACHINE

With 3 rollers, vice not included.



Max length	300 mm
Max thickness	2,5 mm
Roller diameter	30 mm
Net weight	10 kg

P008/102

BENDING MACHINE

High efficiency due to top segmented knife, strong and reliable structure.



Max length	1020 mm
Max. shearing thickness	2 mm
Max bending angle	135°
Net weight	334 kg



**0775****BENDING MACHINE**

Max length	1000 mm
Max. shearing thickness	1,2 mm
Max bending angle	140°
Net weight	130 kg

0483**MINI HAND BRAKE**

Interchangeable blade, max bending width on handle side 50 mm, vice not included.



Working length	270 mm
Max. shearing thickness	2,5 mm
Net weight	10 kg

T034/105**SHEAR MACHINE WITH STAND**

With integrated goniometer, adjustable cutting end stop and bench in assembly kit



Bed length	1050 mm
Max. bending thickness	1,25 mm
Cutting capacity with adjustment	0 ÷ 500 mm
Dimensions	1290 x 1300 x 1080 mm
Net weight	220 kg

T034/065**SHEAR MACHINE BENCH TYPE**

With integrated goniometer and adjustable cutting end stop



Bed length	650 mm
Max. bending thickness	1,5 mm
Cutting capacity with adjustment	0 ÷ 500 mm
Dimensions	890 x 1300 x 450 mm
Net weight	145 kg

0773-**HAND SHEAR****0773/10L****BLADE SET****0773/05L****BLADE SET**

Art.	Dimensions	Base dimensions	Handle length	Blade length	Flat bar	Plate thicknesser	Round	Net weight
0773/05	290 x 120 x 240 mm	240 x 90 mm	410 mm	130 mm	38 x 3 mm	0,5 ÷ 3 mm	Ø 6 mm	10 kg
0773/10	420 x 120 x 390 mm	400 x 90 mm	800 mm	250 mm	70 x 3 mm	0,5 ÷ 3 mm	Ø 6 mm	19 kg

0892
MINI HAND SHEAR BRAKE

Interchangeable blade, vice not included.



Working length	200 mm
Max. bending thickness	1 mm
Max. shearing thickness	1 mm
Net weight	17 kg

C076/30
MOTORIZED 3 ROLL PIPE & PROFILE BENDING MACHINES

Horizontal and vertical operation for pipes, profiles and bars.



Shaft diameter	30 mm
Upper roller diameter	148 mm
Lower rollers diameter	148 mm
Round speed	4.8 ÷ 7.2 m/min
Three-phase motor	400 V 50 Hz 1,1 kW
Dimensions	620 x 1100 x 1360 mm
Net weight	230 kg

0197
UNIVERSAL BENDER

For cold bending, with blocks to speed up and standardize operations, with ergonomic handle.



Round bar	Steel, Copper 16 mm Wrought Iron 12 mm Aluminum 18 mm
Flat bar	30 x 8 mm
Square	Steel, Copper 13 x 13 mm Wrought iron 10 x 10 mm Aluminum 15 x 15 mm
Net weight	22 kg

0668
FORGING FURNACE

Easy to use, quick ignition, no injurious emissions, rear door to heat the iron bar center. Isolation chamber in fibreceramics. Regulator, non-return valve and thermocouple equipped.



Working temperature	1300 °C ÷ 1400 °C
Max working capacity	Ø 70 mm / ■ 50 mm
Power	G.P.L.
Consumption	0,05 - 1,5 kg / h
Internal dimensions	280 x 210 x 100h mm
External Dimensions	400 x 260 x 250h mm
Net weight	25 kg

0721
MANUAL SPIRAL IRON BENDER

For cold bending, with blocks to speed up and standardize operations. Length-adjustable lever, with rollers for rods and plates already included to make different radii of curvature. Possibility of creating both dry folds and curves and use with pipes.



Roller diameter	2x Ø 24, 30, 37, 43, 49, 62, 75 mm
Round bar	Steel, Aluminum, Copper Ø16 mm Stainless Steel Ø14 mm
Flat bar	10 x 50 mm Sharp edge 6 x 50 mm
Square	14 x 14 mm
Round pipe	G 3/4"
Handle length	1000 mm Max
Net weight	30 kg

0102
IRON BENDER

For cold and hot bending. with blocks to speed up and standardize operations and ergonomic handle.



Round bar	Cold 22 mm Heated 27 mm
Square	Cold 20 mm Heated 25 mm
Flat bar	Steel 100 x 8 mm Copper 100 x 15 mm
Net weight	30 kg



0113

SPIRAL BENDER

For cold bending with piece stop and ergonomic handle.



Iron	Cold
Round bar	10 mm
Flat bar	10 x 30 mm
Square	10 mm
Dies	80 mm 125 mm 200 mm
Net weight	25 kg

0722

MANUAL PIPE BENDER

For cold bending, for large pipes, with a system that avoids the collapse of the pipe, for the creation of simple or complex curves, with indication of the bend angle, lever included. Ratchet operation to exert maximum force.



Dies	25.4 - 38.1 - 44.5 mm
Min. bending radius	75 - 125 - 150 mm
Max thickness	3 mm
Round pipe	Ø20 ÷ 50 mm
Max bending angle	120°
Handle length	1000 mm
Net weight	65 kg

0723

PORTABLE MANUAL PIPE BENDER

For cold bending, with a system that avoids the collapse of the pipe, for the creation of simple or complex curves.



Dies	8
Round pipe	3/8" - 1/2" - 9/16" - 5/8" - 3/4" - 7/8"
Square pipe	3/4" - 1"
Thickness	0.8 ÷ 1.2 mm
Max bending angle	180°
Handle length	420 ÷ 600 mm
Net weight	25 kg

0893

HYDRAULIC PIPE BENDER 1 1/2" - 2"

With 2 speeds pump.



Dies	1/2" 3/4" 1" 1-1/4" 1-1/2" 2" gas
Capacity	10 tons N
Ram stroke	250 mm
Net weight	48 kg

0719

MANUAL PIPE BENDER

For cold bending, with a system that avoids the collapse of the pipe, for the creation of simple or complex curves, with blocks to speed up and standardize operations.



Dies	14 - 16 - 18 - 20 - 22 - 25 mm
Min. bending radius	4x pipe Ø, 56-100 mm
Max thickness	2 mm
Round pipe	steel, aluminum, copper Ø25 mm stainless steel Ø22 mm
Square	20 x 20 mm
Net weight	46 kg

0292-

COPPER PIPE BENDER

0292



Art.	Sizes
0292	Ø 8 - 10 - 12 mm
0292/14	Ø 14 mm
0292/16	Ø 16 mm

0758
WOOD LATHE

With rotating head, variable speed drive belt and cast iron bench.

INCLUDED ACCESSORIES

- Live center MT 2
- Headstock spur drive center MT 2
- Backing pad Ø 150 mm
- Ejector
- Service keys



Distance between centers	1100 mm
Centers height	185 mm
Maximum turning diameter	370 mm
Thread	1" - 8 TPI
Tailstock	MT 2
Motor	230 V 50 Hz 0,75 kW
Spindle speed	500 ÷ 2000 rpm
Net weight	120 kg

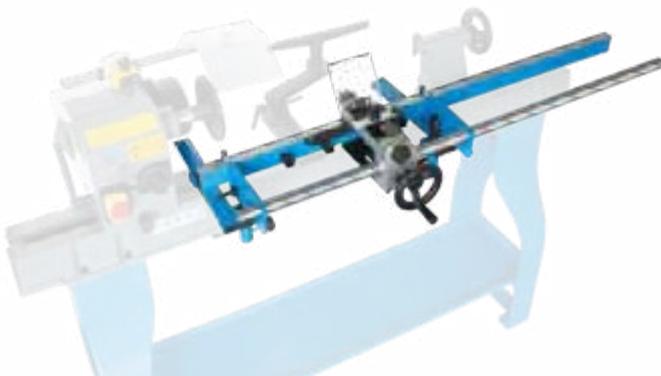

0751
WOOD LATHE

With rotating head, variable speed drive belt and steel sheet bench.


INCLUDED ACCESSORIES

- Live center MT 2
- Headstock spur drive center MT 2
- Backing pad Ø150 mm
- Ejector
- Service Key

Distance between centers	900 mm
Centers height	155 mm
Maximum turning diameter	310 mm
Thread	1" - 8 TPI
Tailstock	MT 2
Motor	230 V 50 Hz 0,37 kW
Spindle speed	500 ÷ 2000 rpm
Net weight	75 kg


0758/C
COPY DEVICE FOR WOOD LATHE


Distance between centers	1000 mm
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**0648****WOOD LATHE WITH COPY DEVICE**

with lever to adjust the speed and processing area protected with interlocked mobile plexiglass guard.



Distance between centers	1000 mm
Centers height	175 mm
Maximum turning diameter	350 mm
Thread	1" - 8 TPI
Tailstock	MT 2
Motor	230 V 50 Hz 0,75 kW
Spindle speed	500 ÷ 2000 rpm
Dimensions	1400 x 500 x 1300h mm
Net weight	68 kg

**0497-****12" WOOD LATHE**

With belt speed change.

**INCLUDED ACCESSORIES**

- Live center MT 2
- Headstock spur drive center MT 2
- Backing pad Ø 80 mm
- Ejector
- Service keys



Art.	Distance between centers	Centers height	Maximum turning diameter	Motor	Spindle speed	Thread	Tailstock	Net weight
0497/250	457 mm	125 mm	250 mm	230 V 50 Hz 0.37 kW	(5) 700 - 3000 rpm	1" - 8 TPI	MT 2	33 kg
0497/300	457 mm	150 mm	300 mm	230 V 50 Hz 0.55 kW	(5) 700 - 3000 rpm	1" - 8 TPI	MT 2	33 kg



0498
8 FUNCTIONS COMBINE MACHINE

Bench saw, sliding carriage, scoring blade, spindle moulder, surface planer, thickness planer, mortising unit and sanding drum at 1500rpm.



Overall dimensions	1880 x 1500 x 1050 mm
Single-phase motor	3 x 230 V 50 Hz 2.2 kW
Weight	445 kg
Packing dimensions	1600 x 1300 x 1010 mm


BENCH SAW

Main table dimensions	1045 x 800 mm
Blade dimensions	254 x 3,2 x 30 mm 24 Z
Blade speed	4050 rpm
Cut height	65 mm 90° - 45 mm 45°


PLANER THICKNESSER

Table dimensions	1285 x 310 mm
Arbor size	Ø 75 mm
Inlet size	Ø 100 mm
Knives	3
Planer capacity	310 x 5 mm
Thickness capacity	310 x 180 mm
Cutter arbor speed	4000 rpm


SLIDING CARRIAGE

Max cutting length with saw bench	1370 mm
Sliding table	1500 x 840 mm

SCORING BLADE

Blade dimensions	Ø 80 x 3,2 x 20 mm 8 Z
Blade speed	6300 rpm


MORTISER

Table dimensions	150 x 365 mm
Vertical stroke	0 ÷ 80 mm
Longitudinal travel	0 ÷ 85 mm
Cross travel	0 ÷ 140 mm
Cutter arbor speed	4000 rpm


SPINDLE MOULDER

Arbor size	Ø 30 mm
Spindle travel	130 mm
Cutter arbor speed	1500 / 4000 / 6000 rpm


SANDING DRUM

Dimensions	Ø 100 x 100h mm
Spindle speed	1500 rpm



0499

12" PLANER & THICKNESSER

With mortise option.



Overall dimensions	1290 x 550 x 1000 mm
Tables height	810 mm
Table dimensions	310 x 1285 mm
Arbor size	Ø 75 mm
Blade	3
Thickness capacity	310 x 2,5 x 180h mm
Spindle speed	4000 rpm
Motor	230 V 50 Hz 2.2 kW
Net weight	179 kg



0749

COMBINED PLANER AND THICKNESSER

With cast iron tables.



Dimensions	1050 x 485 x 800h mm
Tables height	810 mm
Table dimensions	1050 x 250 mm
Arbor	Ø 75 mm
Blade	N° 3
Planer capacity	250 x 2 mm
Thickness capacity	250 x 1,2 180h mm
Spindle speed	4000 rpm
Motor	230 V - 50Hz - 1,5 kW
Net weight	155 kg



0517A

THICKNESSER

With working plate made of granite.



Dimensions	710 x 640 x 400 mm
Working table dimensions	330 x 238 mm
Arbor	Ø 51.5 mm
Blade	2
Thickness capacity	330 x 2,4 x 152 mm
Spindle speed	8500 rpm
Motor	230 V 50 Hz 1.5 kW
Net weight	35 kg



0686/200
COMBINED PLANER AND THICKNESSER

With aluminum working tables.



Dimensions	770 x 430 x 450h mm
Tables height	360 mm
Table dimensions	737 x 210 mm
Arbor	Ø 50 mm
Blade	N° 2
Planer capacity	204 x 2 mm
Thickness capacity	204 x 2 x 120h mm
Spindle speed	8000 rpm
Motor	230 V 50 Hz 1,25 kW
Net weight	25 kg

0749/M
MORTISING MACHINE

With cast iron working tables.



Chuck sizes	Ø 16 mm
Table dimensions	370 x 150 mm
Vertical stroke	0 - 80 mm
Lateral stroke	0 - 140 mm
Slot distance	3 x 165 mm
Net weight	26 kg

0749/MC
WESTCOTT CHUCK


Capacity	16 mm
Female junction	M20 x 1,5 Sx / Left
Sizes	Ø 55 x 68,5 mm

M057/16
"WESTCOTT" CHUCK


Capacity	16 mm
Female junction	B18
Sizes	Ø 60 x 65 mm

0697
SET MAGNETIC QUICK PLANER KNIFE SETTING JIG


For planer blade with cutter arbor Ø 75 ÷ 125 mm

0499/C
KNIVES SET

For planer and thicknesser.



Sizes 310 x 30 x 3 mm

0749/C
SET OF KNIVES FOR PLANER

For thickness planer.



Sizes 250 x 30 x 3 mm

0517/59
KNIFE SET FOR THICKNESSER


Sizes 335 x 12 x 1.5 mm

0686/200C
SET OF KNIVES FOR PLANER

For thickness planer.



Sizes 210 x 22 x 2 mm

0559
2 IN 1 SPINDLE MOULDER AND SPINDLE SANDER

For milling and drilling in wood, sanding by mounting sandpaper.



Motor	230V 50Hz 1,5kW
Spindle speed	1500 / 4000 / 6000 rpm
Spindle diameter	30 mm
Spindle travel	105 mm
Table well diameter	160 mm
Cast iron working tables	600 x 400 mm
Cast iron sliding carriage	400 x 250 mm
Sliding carriage guide	700 mm
Tables height	850 mm
Dimensions	74 x 66 x 98 cm
Sound pressure at operator's position	85.3 ± 2.94 dB(A)
Acoustic power level	98.3 ± 2.94 dB(A)
Net weight	110 kg

0559/T
SANDING DRUM

Abrasive belt not included


0504
PANEL SAW MOULDER

Bench saw, sliding carriage, scoring blade, spindle moulder, and sanding drum at 1500rpm.

Tables height	840 mm
Overall dimensions	1670 x 1200 x 1050 mm
BENCH SAW	
Main table dimensions	1045 x 800 mm
Blade dimensions	Ø 254 x 3.2 x 30 mm 24 Z
Blade speed	4050 rpm
Cut height	65 mm 90° - 45 mm 45°
SLIDING CARRIAGE	
Max cutting length with saw bench	1070 mm
Sliding table	1200 x 840 mm
SCORING BLADE	
Blade dimensions	Ø 80 x 3.2 x 20 mm 8 Z
Blade speed	6300 rpm
SPINDLE MOULDER	
Arbor size	Ø 30 mm
Spindle travel	130 mm
Spindle speed	1500 / 4000 / 6000 rpm
SANDING DRUM	
Dimensions	Ø 100 x 100h mm
Spindle speed	1500 rpm
Motor	2 x 230 V 50 Hz 2.2 kW
Net weight	250 kg


0665
PARTIALLY ASSEMBLED PANEL SAW


Blade	250 x 3 x 30 mm Z 40
Blade speed	2800 rpm
Main table dimensions	800 x 560 mm
Extension table dimensions	800 x 305 mm
Working height	860 mm
Max cut depth at 45°	60 mm
Max cut depth at 90°	75 mm
Sliding table	500 x 600 mm
Overall dimensions	1860 x 2030 x 1070h mm
Motor	230 V 50 Hz 2,2 kW
Max cutting length with saw bench	1460 mm
Net weight	230 kg



0656/254
PANEL SAW

Capacity 254 mm, partially assembled.



Blade dimensions	254 x 30 x 3,2 mm 40 T
Blade speed	4000 rpm
Main table dimensions	790 x 350 mm
Extension table dimensions	350 x 350 mm
Working height	850 mm
Cutting depth at 90°	80 mm
Cutting depth at 45°	56 mm
Sliding table	1320 x 238 mm
Motor	230 V 50 Hz 2,2 kW
Max cutting length with saw bench	1250 mm
Net weight	150 kg


0656/310
PANEL SAW

Capacity 315 mm, partially assembled.



Blade dimensions	315 x 30 x 3,2 mm 40 T
Blade speed	4000 rpm
Main table dimensions	790 x 350 mm
Extension table dimensions	350 x 350 mm
Working height	850 mm
Cutting depth at 90°	100 mm
Cutting depth at 45°	70 mm
Sliding table	1320 x 238 mm
Motor	230 V 50 Hz 2,2 kW
Max cutting length with saw bench	1400 mm
Net weight	175 kg


0280
CIRCULAR SAW BENCH

Professionale, equipped with hard metal blade with blade guards, piece guide, mobile table, wheels for moving.

Table dimensions	800 x 550 mm
Table extension	800 x 550 mm
Working height	810 mm
Steel thickness	2 mm
Cutting depth at 90°	90 mm
Cutting depth at 45°	50 mm
Blade dimensions	315 x 3 x 30 mm Z 36
Tilting saw blade	45°
Sliding carriage	1160 mm
Sliding carriage dim.	230 x 230 mm
Motor speed	2800 rpm
Motor	230 V 50 Hz 2,2 kW
Net weight	60 kg



0871
SLIDE COMPOUND MITRE SAW

With laser beam indicator of the cutting line.



Saw blade	Ø 305 x 30 x 3,2 mm Z 40
Max cutting capacity 0° - 90°	340 x 100 mm
Max cutting capacity 45° - 90°	240 x 100 mm
Sliding travel	215 mm
Motor	230 V 50 Hz 2 kW
Motor speed	4500 rpm
Net weight	25 kg


0870/250
MITRE SAW

With upper table for usage as saw bench



Saw blade	Ø 250 x 30 x 2,5 mm Z 36
Max cutting capacity 0° - 90°	75 x 130 mm
Max cutting capacity 45° - 45°	75 x 50 mm
Max cutting capacity 45° - 90°	75 x 90 mm
Max cutting capacity 0° - 45°	50 x 130 mm
Max cutting capacity, upper table	40 mm
Motor	230 V 50 Hz 1,8 kW
Motor speed	4500 rpm
Peripheral speed disc	59 m/s
Net weight	15,5 kg


0365
PORTABLE UNIVERSAL MITRE SAW STAND

Foldable.

Working height	945 mm
Extension height	1030 - 1180 mm
Stand length	1360 mm
Extensions height operation length	1360 - 3040 mm
Clamp size	505 x 35 x 90 mm
Dimensions	1620 x 825 x 1075h mm
Capacity	220 kg
Net weight	17,5 kg



WOOD BAND SAW

0764/455



0764



0509/340



0509/305



0509/245



0855



FC94/350



FC94/245



0302/305



0302/245



0302/200



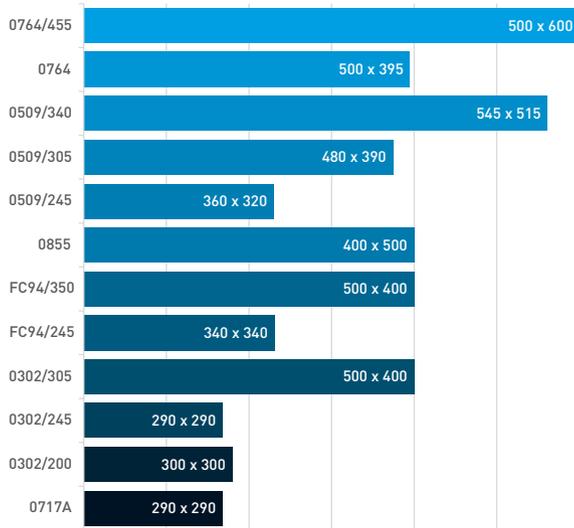
0717A



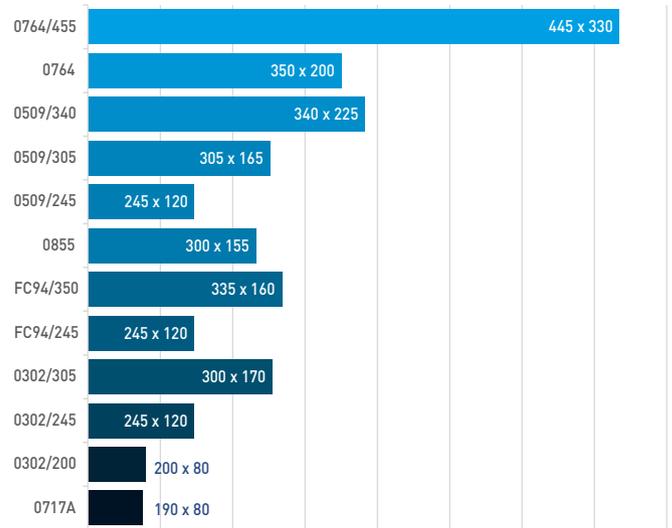


WOOD BAND SAW

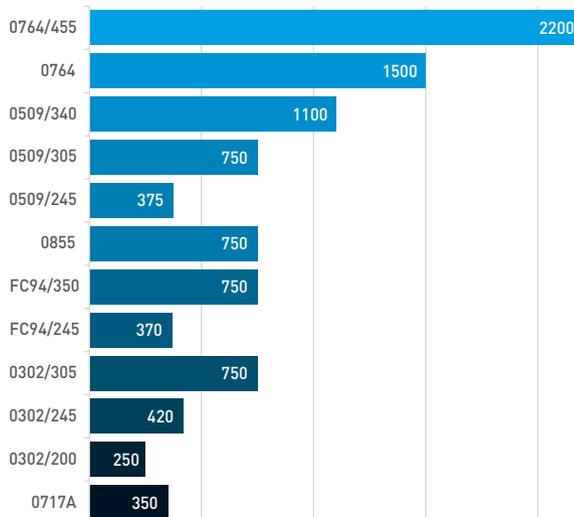
Table dimensions (mm)



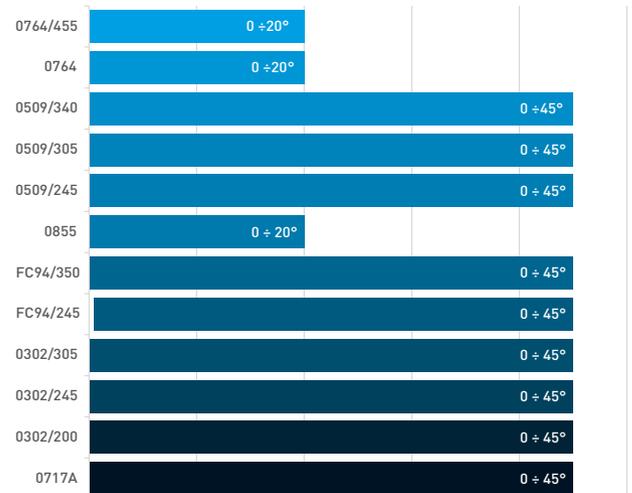
Cutting capacity (mm)



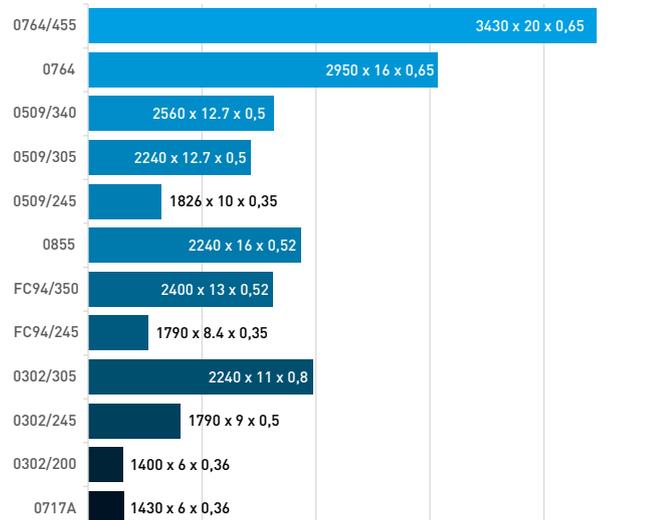
Power (W)



Tilting table



Blade dimensions



0764/455
WOOD BAND SAW

With adjustable work table and protractor for high precision. Blade protection device.



Saw wheel	Ø 455 mm
Cutting capacity	445 x 330h mm
Blade	3430 x 20 x 0,65 mm T4
Table dimensions	500 x 600 x 40h mm
Cutting speed	10 m/s
Tilting table	0 ÷ 20°
Working height	950 mm
Dimensions	1000 x 900 x 1860h mm
Motor	230 V 50 Hz 2,2 kW
Net weight	200 kg

0764
WOOD BAND SAW

With adjustable work table and protractor for high precision. Blade protection device.



Saw wheel	Ø 405 mm
Cutting capacity	350 x 200h mm
Blade	2950 x 16 x 0,65 mm T4
Table dimensions	500 x 395 mm
Cutting speed	10 m/s
Tilting table	0 ÷ 20°
Working height	995 mm
Motor	230 V 50 Hz 1,5 kW
Dimensions	750 x 650 x 1710 h mm
Net weight	130 kg

0509/340**WOOD BAND SAW**

With accessory for circular cutting, Led lamp and sawdust collector drawer.



Saw wheel	Ø 347 mm
Cutting capacity	340 x 225 mm
Blade	2560 x 12.7 x 0.5 mm T4
Table dimensions	545 x 515 mm
Cutting speed	6-12 m/s
Tilting table	0-45°
Working height	1010 mm
Motor	230 V 50 Hz 1.1 kW
Dimensions	900 x 670 x 1720 h mm
Net weight	70 kg

**0509/305****WOOD BAND SAW**

With accessory for circular cutting, Led lamp and sawdust collector drawer.



Saw wheel	Ø 314 mm
Cutting capacity	305 x 165 mm
Blade	2240 x 12.7 x 0.5 mm T4
Table dimensions	480 x 390 mm
Cutting speed	6-12 m/s
Tilting table	0 ÷ 45°
Working height	990 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	700 x 600 x 1585 h mm
Net weight	62 kg

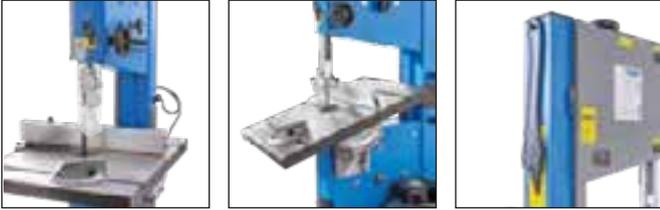
**0509/245****WOOD BAND SAW**

With accessory for circular cutting, Led lamp and sawdust collector drawer.

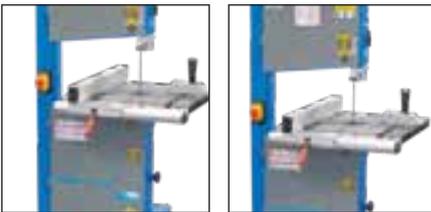


Saw wheel	Ø 254 mm
Cutting capacity	245 x 100 mm
Blade	1826 x 10 x 0.35 mm T6
Table dimensions	360 x 320 mm
Cutting speed	6.7 ÷ 13.3 m/s
Tilting table	0 ÷ 45°
Working height	925 mm
Motor	230V 50Hz 0.375kW
Dimensions	750 x 480 x 1420 mm
Net weight	37 kg

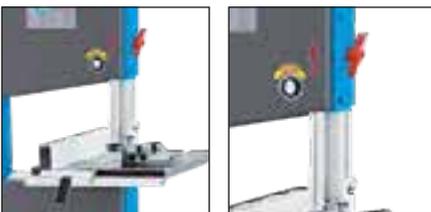


0855
WOOD BAND SAW


Saw wheel	Ø 315 mm
Blade	2240 x 16 x 0,52 mm T4
Cutting capacity	300 x 155 mm
Table dimensions	400 x 500 mm
Cutting speed	6 - 12 m/s 370 - 800 rpm
Tilting table	0 ÷ 20°
Working height	1010 mm
Motor	230 V 50 Hz 0,75 kW
Dimensions	650 x 650 x 1610 h mm
Net weight	75 kg


FC94/350
14" WOOD BAND SAW


Saw wheel	Ø 350 mm
Cutting capacity	335 x 160 mm
Blade	2400 x 13 x 0.52 mm T4
Table dimensions	500 x 400 mm
Cutting speed	10 ÷ 12 m/s
Tilting table	0 ÷ 45°
Working height	1015 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	730 x 620 x 1540 h mm
Net weight	79 kg


FC94/245
10" WOOD BAND SAW


Saw wheel	Ø 255 mm
Cutting capacity	245 x 120 mm
Blade	1790 x 8.4 x 0.35 mm T6
Table dimensions	340 x 340 mm
Cutting speed	11 ÷ 16 m/s
Tilting table	0 ÷ 45°
Working height	1000 mm
Motor	230 V 50 Hz 0.37 kW
Dimensions	420 x 250 x 800 h mm
Net weight	29 kg



**0302/305****WOOD BAND SAW**

With aluminium table.



Saw wheel	ø 315 mm
Cutting capacity	300 x 170 mm
Blade	2240 x 11 x 0.8 mm T6
Table dimensions	500 x 400 mm
Cutting speed	6 ÷ 12 m/s
Tilting table	0° ÷ 45°
Working height	960 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	800 x 500 x 1580 h mm
Net weight	58 kg

0302/245**WOOD BAND SAW**

With aluminium table.



Saw wheel	Ø 255 mm
Cutting capacity	245 x 120 mm
Blade	1790 x 9 x 0.5 mm T6
Table dimensions	290 x 290 mm
Cutting speed	11 ÷ 16 m/s
Tilting table	0° ÷ 45°
Working height	1000 mm
Motor	230 V 50 Hz 0.42 kW
Dimensions	600 x 400 x 1480 h mm
Net weight	28 kg

0302/200**WOOD BAND SAW**

With steel table.



Saw wheel	Ø 210 mm
Cutting capacity	200 x 80h mm
Blade	1400 x 6 x 0,36 mm T6
Table dimensions	300 x 300 mm
Cutting speed	15 m/s
Tilting table	0 ÷ 45°
Dimensions	450 x 390 x 680 h mm
Motor	230 V 50 Hz 0,25 kW
Net weight	17 kg

0717A**WOOD BAND SAW**

With adjustable work table and protractor for high precision. Blade protection device.



Saw wheel	Ø 200 mm
Blade	1430 x 6 x 0,36 mm T6
Cutting capacity	190 x 80h mm
Table dimensions	290 x 290 mm
Cutting speed	13,7 m/s
Tilting table	0 ÷ 45°
Motor	230 V 50 Hz 0,35 kW
Dimensions	430 x 355 x 665 h mm
Net weight	17 kg

0523
TILTING BENCH BELT SANDER

Can be used with sanding belt horizontally or vertically. With workpiece holder, abrasive belt and disc. Tilting work table in cast aluminum. Trailed aluminum roller on bearings. Heavy base suitable for heavy work. To be used exclusively for working with wood and plastic materials.



Dimensions	530 x 430 x 330 mm
Motor	230V 50Hz 375 W
Belt	914 x 100 mm
Belt speed	336 m/min
Grit belt	80
Disc diameter	Ø 150 mm
Grit Disc	80
Round speed	1850 rpm
Tilting table	0 ÷ 45°
Table dimensions	176 x 136 mm
Net weight	19.5 kg


0505
TILTING BENCH BELT SANDER

Can be used with sanding belt horizontally or vertically. With workpiece holder, abrasive belt and disc. Tilting work table in cast aluminum. Trailed aluminum roller on bearings. To be used exclusively for working with wood and plastic materials.



Dimensions	460 x 380 x 270h mm
Motor	230V 50 Hz 500 W
Belt	914 x 100 mm
Belt speed	420 m/min
Grit belt	80
Disc diameter	Ø 150 mm

Grit Disc	80
Round speed	2850 rpm
Tilting table	0 ÷ 45°
Table dimensions	225 x 155 mm
Net weight	18 kg


0564
TILTING BENCH BELT SANDER

Can be used with sanding belt horizontally or vertically. With workpiece holder, abrasive belt and disc. Tilting work table in extruded aluminum. Quick belt change system. Trailed plastic roller on bearings. To be used exclusively for working with wood and plastic materials.



Dimensions	470 x 360 x 290 mm
Motor	230V 50 Hz 370 W
Belt	914 x 100 mm
Belt speed	450 m/min
Grit belt	80
Disc diameter	Ø 150 mm
Grit Disc	80
Round speed	2980 rpm
Tilting table	0 ÷ 45°
Table dimensions	226 x 160 mm
Net weight	16,5 kg



0138

TILTING BENCH BELT SANDER

With tilting tables.



Dimensions	630 x 370 x 495h mm
Belt	25 x 1075 mm
Belt speed	8,5 m/s
Disc diameter	200 mm
Motor	230 V 50 Hz 0,45 kW 1450 rpm
Table dimensions band	180 x 150 mm
Table dimensions disc	250 x 120 mm
Net weight	26 kg

0765

SCROLL SAW VARIABLE SPEED

Strong body, tilting table, suitable to cut balsa and plywood.

0753/L

BLADES SET



0753/A

BLADE ADAPTER



Cutting capacity	400 x 50h mm
Blade length	127 mm
Oscillations	800 ÷ 1400 rpm
Plate Dimensions	410 x 250 mm
Tilting table	0 ÷ 45° sx
Base dimensions	230 x 390 mm
Motor	230 V 50 Hz 0,12 kW
Working temperature	from -5°C to +50°C
Net weight	14 kg

0144

SCROLL SAW VARIABLE SPEED

With Led lamp. Strong body, tilting table, suitable to cut balsa, plywood, soft woods, plastic and no ferrous metal.

0753/L

BLADES SET



0753/A

BLADE ADAPTER



Cutting capacity	457 x 50h mm
Blade length	127 mm
Oscillations	550 ÷ 1650 rpm
Plate Dimensions	480 x 250 mm
Tilting table	0 ÷ 45° sx
Base dimensions	220 x 420 mm
Motor	230 V 50 Hz 0,12 kW
Net weight	16 kg

0720

PRECISION MITRE SAW

With depth of cut adjustment, corner selection lever.

0720/L

BLADE



Cut height	110 mm
Cut width	120 mm
Cutting tilting	0° ± 45°
Base	400 x 80 mm
Blade dimensions	550 x 45 mm
Net weight	4 kg

S015
MANUAL LOG SPLITTER

Foot operated, to split logs into small parts to light fire.



Log capacity	Ø 254 x 460 mm
Max splitting force	1,2 ton
Blade dimensions	100 x 80h mm
Net weight	8,5 kg

S009
VERTICAL HEAVY DUTY LOG SPLITTER

7 ton, with cross log splitter.



Height working capacity	120 ÷ 540 mm
Log capacity	Ø 50 ÷ 320 mm
Max splitting force	7 ton
Motor	230 V 50 Hz 3 kW
No-load speed	2950 rpm
Net weight	120 kg



0496
DUST COLLECTOR


Inlet size	3 x Ø 100 mm
Air flow	3900 m ³ / h
Motor	230 V 50 Hz 2.2 kW
Cloth bag	Ø 510 mm
Dimensions	1450 x 800 x 2000 mm
Net weight	48 kg


0759
DUST COLLECTOR

Partially assembled.



Inlet size	2 x Ø 100 mm
Air flow	2500 m ³ / h
Filtration rate	5 micron
Cloth bag	Ø 510 mm
Motor speed	2950 rpm
Vacuum suction	1.95 kPa
Motor	230 V 50 Hz 1.5 kW
Dimensions	840 x 560 x 1800 h mm
Net weight	40 kg


0756
DUST COLLECTOR

Partially assembled.



Inlet size	100 mm
Air flow	850 m ³ / h
Filtration rate	5 micron
Cloth bag	Ø 370 mm
Motor speed	2950 rpm
Vacuum suction	1.08 kPa
Motor	230 V 50 Hz 0.75 kW
Dimensions	500 x 600 x 1700 h mm
Net weight	23 kg


0507
DUST COLLECTOR

Partially assembled.



Inlet size	100 mm
Air flow	900 m ³ / h
Filtration rate	5 micron
Cloth bag	Ø 320 mm
Motor speed	2840 rpm
Vacuum suction	0.70 kPa
Motor	230 V 50 Hz 0.55 kW
Dimensions	500 x 600 x 1700 h mm
Net weight	18 kg


0495
PORTABLE DUST COLLECTOR

With wheels for wood band saw and mitre saw.



Inlet size	100 mm
Air flow	830 m ³ / h
Cloth bag	Ø 380 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	395 x 325 x 350 mm
Net weight	14 kg

0759/F
FILTER BAG



Dimensions \varnothing 510 mm x 855h mm

0759/S
PLASTIC BAG SET



10 Pcs



Dimensions \varnothing 510 mm x 855h mm

0756/F
FILTER BAG



Dimensions \varnothing 370 mm x 590h mm

0756/S
PLASTIC BAG SET



10 Pcs



Dimensions \varnothing 370 mm x 590h mm

0756/T
PLASTIC HOSE FITTING

With metal core.



Max length 2 m
Diameter 100 mm

0756/Y
Y FITTING



Diameter 100 mm

0507/Y
Y FITTING



Dimensions 150 x 110 x 170h mm
Inlet size 2 x \varnothing 35 mm
Diameter 100 mm

0507/14
PLASTIC BAG SET



10 Pcs



Dimensions \varnothing 330 mm x 500h mm

0507/15
FILTER BAG



Dimensions \varnothing 320 mm x 590h mm

0507/07
PLASTIC HOSE FITTING

With metal core.



Length 2 m mm
Diameter 100 mm

0507/4R
FITTING WITH 4 DIAMETERS

Reduction from hose of 100 mm to: 70 mm
50 mm 40 mm 35 mm.



Diameter 100 mm

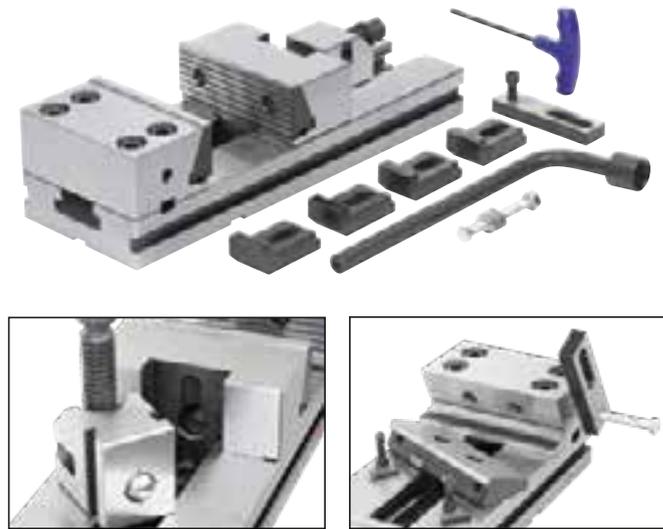
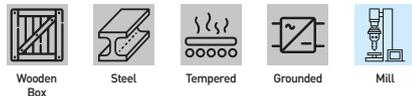
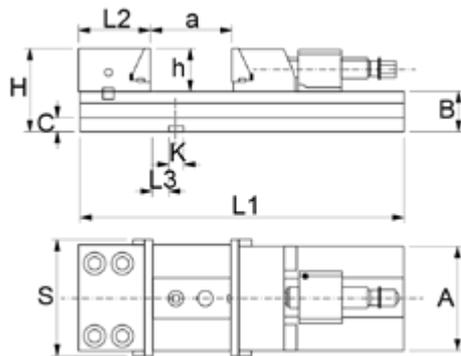
0495/24
FILTER BAG



Dimensions \varnothing 380 mm x 530h mm

M011-
HIGH PRECISION MODULAR VICE

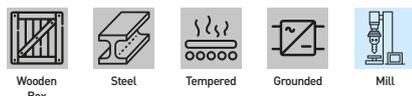
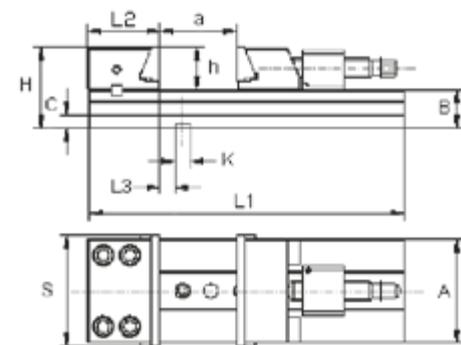
Suitable for jobs where precision, reliability, availability and secure locking are required. Suitable for precision milling and grinding work on both manual machines and CNC machining centers. Ground sliding surfaces. Equipped with prismatic descending jaws when tightening. With fasteners and adjustment keys. Accuracy 0.02 mm and hardness 57-62 HRC.



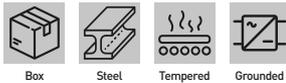
Art.	Jaw dimensions	S	A	B	C	H	L1	L2	L3	h	K h7	a	Net weight
M011/125/150	125 x 50h mm	125 mm	125 mm	40 mm	15 mm	90 mm	350 mm	80 mm	25,6 mm	50 mm	16 mm	150 mm	19 kg
M011/150/210	150 x 60h mm	150 mm	150 mm	50 mm	20 mm	110 mm	435 mm	93 mm	25,6 mm	60 mm	16 mm	210 mm	35 kg
M011/150/300	150 x 60h mm	150 mm	150 mm	50 mm	20 mm	110 mm	525 mm	93 mm	25,6 mm	60 mm	16 mm	300 mm	35 kg

M028-
HIGH PRECISION MODULAR VICE

Suitable for jobs where precision, reliability, availability and secure locking are required. Suitable for precision milling and grinding work on both manual machines and CNC machining centers. Ground sliding surfaces. Equipped with prismatic descending jaws when tightening. With fasteners and adjustment keys. Accuracy 0.02 mm and hardness 57-62 HRC.



Art.	Jaw dimensions	S	A	B	C	H	L1	L2	L3	h	K h7	a	Net weight
M028/100/100	100 x 30h mm	100 mm	75 mm	35 mm	15 mm	65 mm	270 mm	77,9 mm	25,6 mm	30 mm	16 mm	100 mm	7 kg
M028/125/150	125 x 40h mm	125 mm	95 mm	40 mm	15 mm	80 mm	345 mm	77,9 mm	25,6 mm	40 mm	16 mm	150 mm	13 kg
M028/150/200	150 x 50h mm	150 mm	125 mm	50 mm	20 mm	100 mm	420 mm	89,4 mm	25,6 mm	50 mm	16 mm	200 mm	26 kg
M028/150/300	150 x 50h mm	150 mm	125 mm	50 mm	20 mm	100 mm	520 mm	89,4 mm	25,6 mm	50 mm	16 mm	300 mm	30 kg
M028/150/400	150 x 50h mm	150 mm	125 mm	50 mm	20 mm	100 mm	620 mm	89,4 mm	25,6 mm	50 mm	16 mm	400 mm	34 kg
M028/175/200	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	455 mm	96,9 mm	25,6 mm	60 mm	16 mm	200 mm	40 kg
M028/175/300	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	555 mm	96,9 mm	25,6 mm	60 mm	16 mm	300 mm	43 kg
M028/175/400	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	655 mm	96,9 mm	25,6 mm	60 mm	16 mm	400 mm	50 kg
M028/175/500	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	755 mm	96,9 mm	25,6 mm	60 mm	16 mm	500 mm	50 kg
M028/200/300	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	595 mm	113,4 mm	25,6 mm	65 mm	16 mm	300 mm	69 kg
M028/200/400	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	695 mm	113,4 mm	25,6 mm	65 mm	16 mm	400 mm	74 kg
M028/200/500	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	795 mm	113,4 mm	25,6 mm	65 mm	16 mm	500 mm	79 kg
M028/200/600	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	895 mm	113,4 mm	25,6 mm	65 mm	16 mm	600 mm	84 kg

M011-xG
SPARE PART JAWS


Art.	Description	Jaw dimensions
M011/125GP	Prismatic jaw	125 x 40h mm
M011/125GR	Pair of striped jaws	125 x 40h mm
M011/150GP	Prismatic jaw	150 x 45h mm
M011/150GR	Pair of striped jaws	150 x 45h mm


M028-xG
SPARE PRISMATIC JAWS

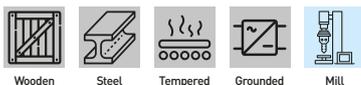

Art.	Dimensions
M028/100GP	100 x 24,5h mm
M028M029/125GP	125 x 32h mm
M028M029/150GP	150 x 40h mm
M028/175GP	175 x 43h mm
M028/200GP	200 x 53h mm

M028-xGR
SPARE RIBBED JAWS


Art.	Jaw dimensions
M028/100GR	100 x 30h mm
M028/125GR	125 x 40h mm
M028/150GR	150 x 50h mm
M028/175GR	175 x 60h mm
M028/200GR	200 x 65h mm

M061
ANGLE PRECISION VICE

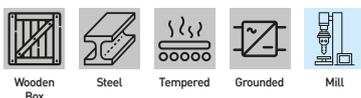
With screw closure, sine-bar with longitudinal opening. Couplings ground with high precision. Accuracy indicated on parallelism and quadrature. Ideal for grinding, EDM, milling and measuring systems.



Length	235 mm
Jaw dimensions	88 x 40 h mm
Pins center distance	100 mm
Opening	120 mm
Accuracy	0,005 mm
Tilting	0° ÷ 45°
Net weight	12,5 kg


M012-
PRECISION MEASURING MILLING VICE

Quick-release. Couplings ground with high precision. Accuracy indicated on parallelism and quadrature. Ideal for grinding, EDM, milling and measuring systems.

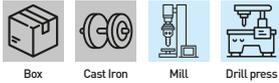


Art.	Dimensions	Opening	Jaw height	Accuracy
M012/038	38 x 105 x 45h mm	44 mm	25 mm	0,005 mm
M012/050	50 x 140 x 50h mm	65 mm	25 mm	0,005 mm
M012/080	73 x 190 x 67h mm	110 mm	35 mm	0,005 mm
M012/100	100 x 245 x 90h mm	125 mm	45 mm	0,005 mm



M023-
MILLING MACHINE VICE WITH 360° SWIVEL BASE

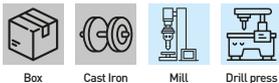
With interchangeable jaws in hardened and ground steel. Sliding parts ground. Fully covered screw. With crank.



Art.	Jaws	Opening	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M023/100	100 x 35 mm	80 mm	310 x 165 x 130h mm	215 x 165 mm	195 mm	14 mm	11 kg
M023/125	125 x 40 mm	100 mm	355 x 190 x 127h mm	215 x 165 mm	195 mm	14 mm	15 kg
M023/160	160 x 50 mm	125 mm	422 x 235 x 162h mm	300 x 235 mm	275 mm	18 mm	30 kg
M023/200	200 x 61 mm	160 mm	490 x 270 x 175h mm	360 x 280 mm	315 mm	18 mm	47 kg

M014-
MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground. Fully covered screw. With crank.



Art.	Jaws	Opening	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M014/080	80 x 30 mm	60 mm	195 x 110 x 91h mm	110 x 154 mm	130 mm	14 mm	4,5 kg
M014/100	100 x 35 mm	75 mm	242 x 129 x 106h mm	135 x 186 mm	160 mm	14 mm	9 kg
M014/125	125 x 40 mm	95 mm	285 x 166 x 126h mm	166 x 210 mm	185 mm	14 mm	14 kg
M014/160	160 x 52 mm	120 mm	390 x 218 x 166h mm	218 x 275 mm	245 mm	18 mm	28 kg
M014/200	200 x 63 mm	150 mm	440 x 239 x 183h mm	239 x 315 mm	275 mm	18 mm	40 kg

M024-
MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground. Uncovered vine. With crank and fixing screws.

M024/250


Art.	Jaws	Opening	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M024/136	136 x 32 mm	170 mm	375 x 162 x 123h mm	223 x 165 mm	200 mm	14 mm	14 kg
M024/160	160 x 50 mm	180 mm	402 x 182 x 142h mm	252 x 182 mm	225 mm	14 mm	23 kg
M024/200	200 x 63 mm	220 mm	470 x 234 x 172h mm	290 x 222 mm	260 mm	18 mm	33 kg
M024/250	250 x 45 mm	320 mm	612 x 280 x 186h mm	290 x 270 mm	245 mm	18 mm	50 kg

M530-
TILTING MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground. Fully covered screw. With crank and fixing screws.



Art.	Jaws	Opening	Tilting	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M530/100	100 x 32 mm	90 mm	0° - 90°	325 x 180 x 150h mm	250 x 180 mm	230 mm	14 mm	15 kg
M530/125	125 x 40 mm	100 mm	0° - 90°	360 x 206 x 165h mm	290 x 226 mm	260 mm	18 mm	24 kg
M530/160	160 x 50 mm	125 mm	0° - 90°	443 x 270 x 194h mm	325 x 250 mm	300 mm	18 mm	35 kg

M017-
NEW
DRILL PRESS VICE HEAVY DUTY

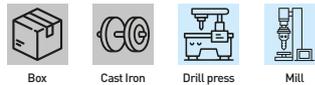
Equipped with prismatic jaws, with screw protection from dust and other residues.



Art.	Jaws	Jaw height	Opening	Base dimensions	Net weight
M017/080	80 mm	25 mm	87 mm	185 x 155 mm	4,3 Kg
M017/100	100 mm	32 mm	100 mm	230 x 200 mm	7,8 Kg

M027-
DRILL PRESS VICE

Equipped with scraped guides for greater precision and better sliding.



Art.	Jaws	Opening	Base dimensions	Net weight
M027/100	100 x 40 mm	100 mm	290 x 170 mm	8 kg
M027/140	140 x 50 mm	140 mm	375 x 230 mm	12 kg
M027/200	200 x 60 mm	200 mm	485 x 295 mm	25 kg

M016-
NEW
MACHINE VICE HORIZONTAL - VERTICAL

Equipped with a prismatic and a smooth jaw, constant overall length thanks to the screw inserted in the handle. Adjusted to 3 positions so that it can be fixed in horizontal, vertical and lateral positions.



Art.	Jaws	Jaw height	Opening	Base dimensions	Net weight
M016/075	75 mm	30 mm	70 mm	150 x 142 mm	3 Kg
M016/100	100 mm	30 mm	95 mm	175 x 160 mm	4,3 Kg

M001-
DRILL PRESS VICE

Equipped with a prismatic jaw and a smooth jaw. Constant overall length thanks to the screw inserted in the handle.



Art.	Jaws	Opening	Base dimensions	Net weight
M001/100	100 mm	80 mm	182 x 156 mm	4 kg
M001/120	120 mm	110 mm	200 x 175 mm	5 kg
M001/150	150 mm	135 mm	230 x 195 mm	7 kg

0142-
DRILL PRESS VICE

Equipped with a prismatic jaw and a smooth jaw.



Art.	Jaws	Opening	Base dimensions	Net weight
0142/75	75 X 24 mm	55 mm	123 x 115 mm	1,5 kg
0142/100	100 x 25,5 mm	85 mm	160 x 155 mm	2,5 kg
0142/125	125 x 30 mm	100 mm	182 x 182 mm	4 kg

0698/100

TILTING VICE

Ideal for drilling with any angle of attack.



Jaws	105 x 47 mm
Opening	105 mm
Tilting	0°-15°-30°-45°-60°-75°-90°
Base	192 x 185 mm
Slot distance	160 mm
Dimensions	192 x 185 x 115h mm
Net weight	8 kg

M034/120

QUICK ACTING DRILL PRESS VICE

With prismatic jaw and swivel base.



Jaws	120 x 40 mm
Opening	120 mm
Base dimensions	220 x 130 mm
Slot	14 mm
Net weight	7 kg

0188-

2 - WAY CROSS VICE

Useful for performing precision drilling or tapping operations thanks to the longitudinal and lateral movement without removing the piece from the vice.



Art.	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Net weight
0188/100	100 x 25 mm	90 mm	240 x 140 mm	140 mm	130 mm	110 mm	7,5 kg
0188/125	125 x 40 mm	110 mm	255 x 160 mm	150 mm	170 mm	130 mm	13 kg
0188/150	150 x 40 mm	145 mm	280 x 170 mm	160 mm	160 mm	180 mm	14,5 kg

0188-xG

2 - WAY CROSS VICE WITH SWIVEL BASE

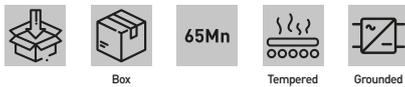
Useful for performing precision drilling or tapping operations thanks to the longitudinal and lateral movement without removing the piece from the vice. Equipped with a swivel base.



Art.	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Slot	Net weight
0188/100G	100 X 25 mm	90 mm	210 x 150 mm	175 mm	130 mm	110 mm	18 mm	11,5 kg
0188/125G	125 X 40 mm	120 mm	230 x 175 mm	180 mm	150 mm	120 mm	20 mm	14,5 kg
0188/150G	150 X 45 mm	150 mm	235 x 195 mm	190 mm	170 mm	115 mm	20 mm	19,5 kg

0766-
NEW
MAGNETIC PARALLEL SERIES

Ground in pairs. Used as workpiece shims in a wide variety of machining operations, ensuring parallel clamping. Thanks to the magnetic coupling, clamping times are reduced.



Art.	Dimensions	Hardness	Accuracy
0766/090	90 x 2,5 x (15-22-25-30-32) mm	HRC 60	± 0,005 mm
0766/125	125 x 2,5 x (15-30-35-37-39) mm	HRC 60	± 0,005 mm
0766/150	150 x 2,5 x (25-35-40-45-47) mm	HRC 60	± 0,005 mm

P014
PARALLEL COUPLE SET

Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping.



Dimensions	150 x 10 x (14-16-18-20-22-24-26-28-30-32-35-40-45-50) mm
Hardness	HRC 60
Accuracy	± 0,005 mm

P015
PARALLEL COUPLE SET

Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping.



Dimensions	160 x 4 x (10-14-18-22-26-30-34-38-42) mm
Hardness	HRC 60
Accuracy	± 0,005 mm

P017
PARALLEL COUPLE SET

Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping.



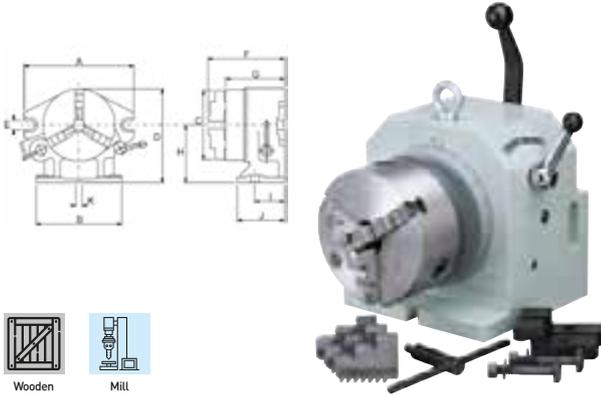
Dimensions	150 x 8 x (14-16-20-24-30-32-36-40-44) mm
Hardness	HRC 45
Accuracy	± 0,005 mm



D023

HORIZONTAL AND VERTICAL RATCHET DIVIDING HEAD

It allows you to have various types of divisions based on the type of disc mounted. Division is done automatically using the feed lever. Complete with locking brackets.

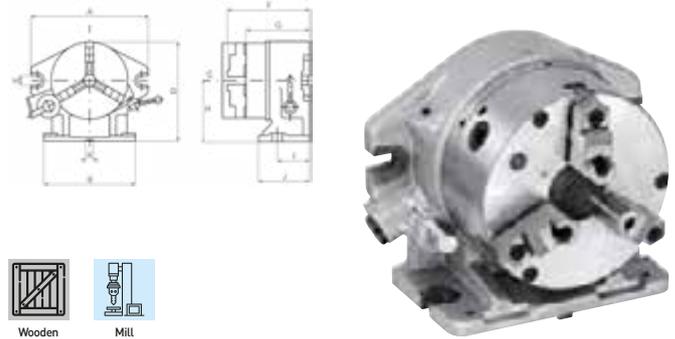


Dividing	2 - 3 - 4 - 6 - 8 - 12 - 24
A	230 mm
B	230 mm
C	160 mm
D	236 mm
E	18 mm
F	320 mm
G	285 mm
H	125 mm
I	- mm
J	210 mm
K	18 mm
Hole	30 mm
Hor. max load	50 kg
Ver. max load	10 kg
Net weight	66,5 kg

D003

HORIZONTAL AND VERTICAL DIRECT DIVIDING HEAD

It allows you to have various types of divisions based on the type of disc mounted. Division is done automatically using the feed lever. Possibility of manual division from degree to degree 0° - 360°.



Dividing	2 - 3 - 4 - 6 - 8 - 12 - 24
A	310 mm
B	255 mm
C	210 mm
D	259,25 mm
E	18 mm
F	214 mm
G	171,5 mm
H	149,25 mm
I	80 mm
J	130 mm
K	16 mm
Hole	62 mm
Hor. max load	50 kg
Ver. max load	10 kg
Net weight	52 kg

T016/100

TILTING ROTARY TABLE

For precise positioning of both rotation and inclination thanks to the graduations on the handwheel and on tilt locking lever. Complete with locking brackets.

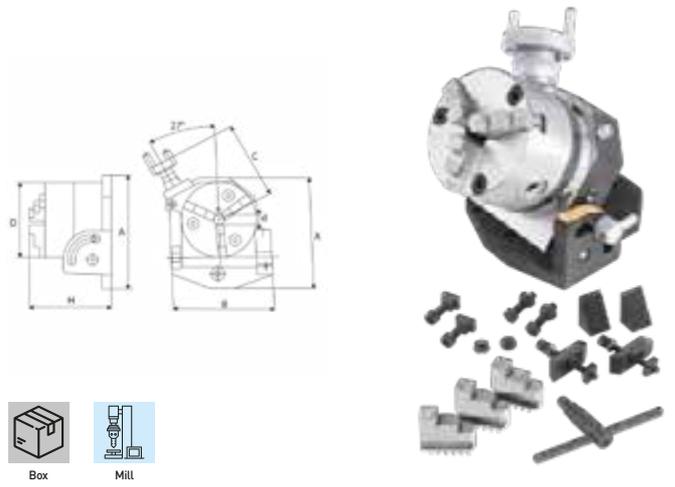


A	143 mm
B	130 mm
C	105 mm
D	102 mm
d	18 mm
H	68 mm
Revolution	360°
Tilting table	90°
Ratio	1:36
Slots	4 x 6.35 mm 5/16"
Horizontal height	102 mm
Net weight	5 kg

T017/100

TILTING ROTARY TABLE WITH CHUCK

For precise positioning of both rotation and inclination thanks to the graduations on the handwheel and on tilt locking lever. Complete with locking brackets.

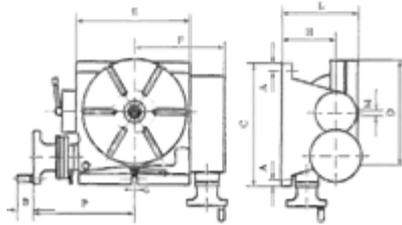
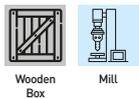


Chuck sizes	100 mm
A	143 mm
B	130 mm
C	105 mm
D	100 mm
d	20 mm
H	160 mm
Revolution	360°
Tilting table	90°
Ratio	1:36
Slots	4 x 8 mm
Horizontal height	102 mm
Net weight	11 kg

T001-

0° ÷ 90° TILTING ROTARY TABLE

Equipped with micrometric adjustment and oil bath gears.



Art.	A	B	C	D	E	F	G	H	L	MT	Ratio	Slots	Hor. max load	Ver. max load	Net weight
T001/250	14 mm	40 mm	310 mm	250 mm	252 mm	199 mm	14 mm	140 mm	205 mm	3	1:90	6/12 N° / mm	200 kg	100 kg	78 kg
T001/320	16 mm	40 mm	380 mm	320 mm	322 mm	241 mm	18 mm	185 mm	257 mm	4	1:90	6/14 N° / mm	250 kg	125 kg	133 kg

D005-

DIVIDING PLATES FOR ROTARY TABLE

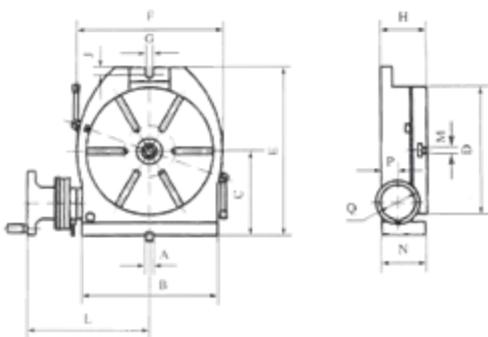


Art.	For rotary table	Ratio	Plates holes	Hole	External
D005	T001/250 - 320, T002/160 - 320	1:90	A: 34-37-38-39-41-43-44-50-52-56-6, B: 46-47-49-51-53-54-57-58-59-62-64	38 mm	130 mm
D005/400	T002/400	1:90	A: 34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-64	53 mm	170 mm
D005/500	T012/500 T012/630	1:120	A: 33-34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-63-64	53 mm	170 mm

T002-

HORIZONTAL AND VERTICAL ROTARY TABLE

Equipped with micrometric adjustment and oil bath gears.

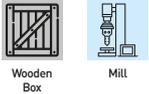


Art.	A	B	C	D	E	F	G	H	J	L	N	P	Q	MT	Ratio	Slots	Hor. max load	Ver. max load	Net weight
T002/160	12 mm	186 mm	125 mm	160 mm	242 mm	196 mm	12 mm	85 mm	12 mm	194 mm	82 mm	37 mm	125 mm	2	1:90	4/10 N° / mm	100 kg	50 kg	23 kg
T002/200	14 mm	208 mm	150 mm	200 mm	285 mm	236 mm	14 mm	100 mm	15 mm	211 mm	99 mm	48 mm	125 mm	3	1:90	4/12 N° / mm	150 kg	75 kg	30 kg
T002/250	14 mm	253 mm	170 mm	250 mm	328 mm	286 mm	14 mm	110 mm	16 mm	241 mm	106 mm	48 mm	125 mm	4	1:90	6/12 N° / mm	200 kg	100 kg	44 kg
T002/320	18 mm	321 mm	210 mm	320 mm	410 mm	360 mm	18 mm	120 mm	16 mm	273 mm	118 mm	48 mm	125 mm	4	1:90	6/14 N° / mm	250 kg	125 kg	75 kg
T002/400	18 mm	400 mm	260 mm	400 mm	525 mm	450 mm	18 mm	150 mm	16 mm	337 mm	145 mm	70 mm	160 mm	4	1:90	6/14 N° / mm	300 kg	150 kg	174 kg



C054

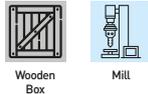
ADJUSTABLE TAILSTOCK



For rotary table	T002/160
Centers height	95 - 150 mm
Net weight	9 kg

C051

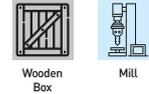
ADJUSTABLE TAILSTOCK



For rotary table	T001/250 - T002/200 - T002/250
MT	2
Centers height	140 - 180 mm
Net weight	18 kg

C052

ADJUSTABLE TAILSTOCK

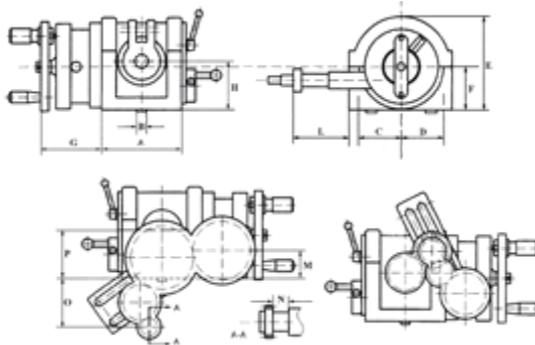


For rotary table	T002/320 - T001/320
MT	2
Centers height	180 - 224 mm
Net weight	20 kg

D004-

UNIVERSAL DIVIDING HEAD WITH TAILSTOCK, CHUCK AND DIVIDING PLATES

Equipped with hardened and ground worm screw and precision tapered roller bearings. Allows the operator to perform exactly determined angular rotations, such as are required for the divisions of a circumference into a certain number of equal parts.

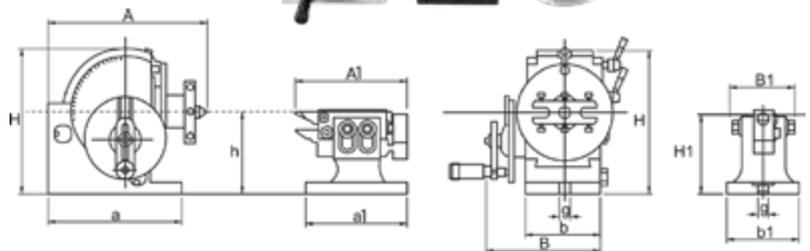


Art.	A	B	C	D	E	F	G	H	L	MT	N	P	Chuck sizes	Ratio	Capacity	Plates holes	Net weight
D004/125L	209 mm	18 mm	116 mm	98 mm	224 mm	117 mm	120 mm	125 mm	103 mm	4	34,5 mm	100 mm	Ø 160 mm	1:40	130 kg	24 - 25 - 28 - 30 - 34 - 37 - 38 - 39 - 41 - 42 - 43 - 46 - 47 - 49 - 51 - 53 - 54 - 57 - 58 - 59 - 62 - 66	119 kg
D004/160L	209 mm	18 mm	116 mm	98 mm	259 mm	152 mm	120 mm	160 mm	103 mm	4	34,5 mm	100 mm	Ø 200 mm	1:40	130 kg	24 - 25 - 28 - 30 - 34 - 37 - 38 - 39 - 41 - 42 - 43 - 46 - 47 - 49 - 51 - 53 - 54 - 57 - 58 - 59 - 62 - 66	125 kg

D006-

SEMI UNIVERSAL DIVIDING HEAD WITH TAILSTOCK AND DIVIDING PLATES

Chuck not included, equipped with hardened and ground worm screw and precision tapered roller bearings. Allows the operator to perform exactly determined angular rotations, such as are required for the divisions of a circumference into a certain number of equal parts.

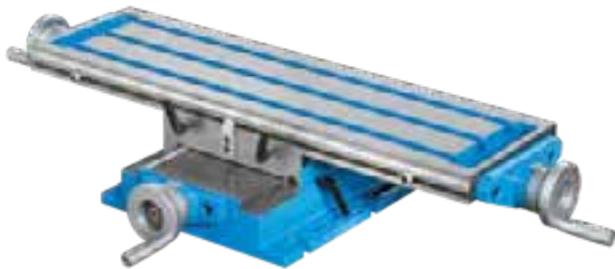


Art.	A	B	H	h	a	b	G	A1	B1	H1	h1	a1	b1	Suitable chuck	g1	Hole	MT	Ratio	Head tilt left and right	Plates holes	Net weight
D006/100	193 mm	131 mm	173 mm	100 mm	166 mm	90 mm	16 mm	175 mm	87 mm	102 mm	100 mm	130 mm	82 mm	Ø 125 mm	16 mm	Ø 18 mm	2	1:40	-10° - 90°	15-16-17-18-19-20-21-23-27-29-31-33-37-39-41-43-47-49	16 kg
D006/128	242 mm	168 mm	220 mm	128 mm	206 mm	113 mm	16 mm	183 mm	87 mm	137 mm	128 mm	158 mm	110 mm	Ø 160 mm	16 mm	Ø 20 mm	3	1:40	-10° - 90°	15-16-17-18-19-20-21-23-27-29-31-33-37-39-41-43-47-49	30 kg

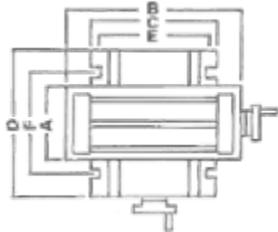
T013

CROSS WORKING TABLE

With coolant channels. Adjustable handwheel graduation.



A	210 mm
B	730 mm
C	315 mm
D	395 mm
E	240 mm
F	300 mm
Slot	14 mm
Height	155 mm
Travels	160 x 360 mm
Reading	0,05 mm
Net weight	70 kg



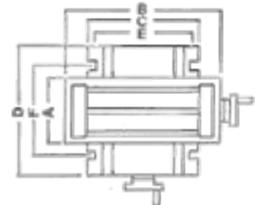
T014G

SWIVELING CROSS WORKING TABLE

Equipped with a swivel base. With coolant channels. Adjustable handwheel graduation.



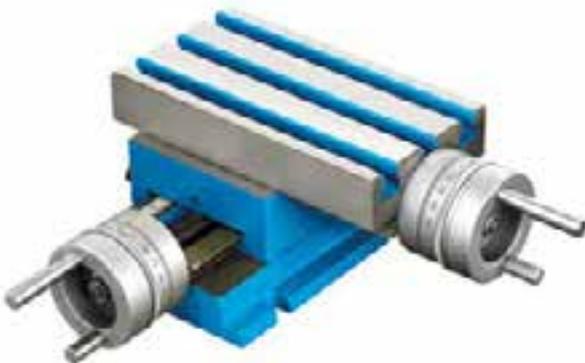
A	240 mm
B	600 mm
C	280 mm
D	340 mm
E	260 mm
F	250 mm
Slot	12 mm
Height	160 mm
Travels	155 x 370 mm
Reading	0,02 mm
Net weight	60 kg



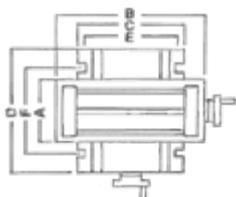
T015

CROSS WORKING TABLE

With adjustable graduation of the handwheel. Equipped with conical gib with screw on the head and scraped guides for greater precision and better sliding.



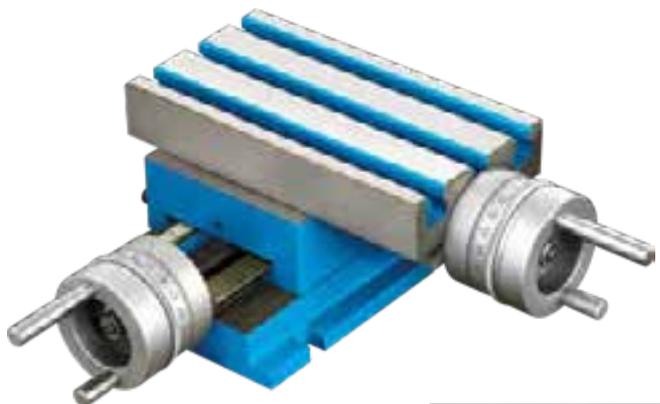
A	100 mm
B	185 mm
C	130 mm
D	170 mm
E	104 mm
F	103 mm
Slot	10 mm
Height	100 mm
Travels	50 x 80 mm
Reading	0,01 mm
Net weight	10 kg



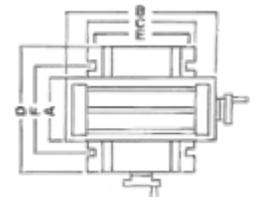
T015/E

CROSS WORKING TABLE

With adjustable graduation of the handwheel.



A	100 mm
b	185 mm
C	130 mm
D	173 mm
E	102 mm
F	100 mm
Slot	10 mm
Height	104 mm
Travels	50 x 80 mm
Reading	0,01 mm
Net weight	10 kg



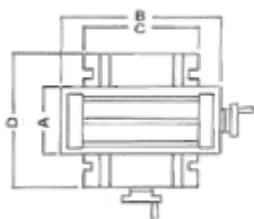


T008

CROSS WORKING TABLE



A	153 mm
B	475 mm
C	200 mm
D	270 mm
Slot	16 mm
Slot distance	75 mm
Height	130 mm
Travels	120 x 325 mm
Base locating slot	162 mm
Net weight	23 kg



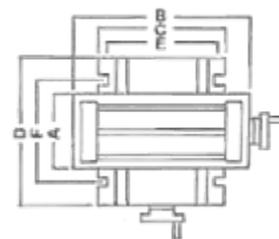
T018/350

CROSS WORKING TABLE

With fixed millimeter scale for longitudinal table movements.



A	100 mm
B	350 mm
C	160 mm
D	190 mm
Height	120 mm
Slot	8 mm
Slot distance	36 mm
Travels	177 x 50 mm
Reading	0.05 mm
Overall dimensions	415 x 255 mm
Net weight	6 kg



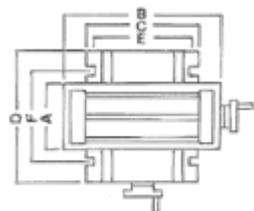
T018/330

CROSS WORKING TABLE

With fixed millimeter scale for longitudinal table movements.



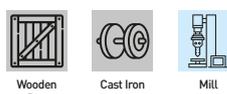
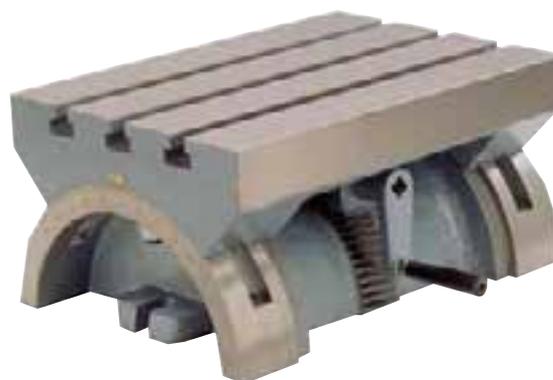
A	95 mm
B	330 mm
C	125 mm
D	145 mm
Height	82 mm
Slot	8 mm
Slot distance	36 mm
Travels	190 x 65 mm
Reading	0,05 mm
Overall dimensions	395 x 210 mm
Net weight	2,5 kg



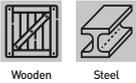
T004-

ADJUSTABLE ANGLE PLATE

With tilting regulation on both sides.



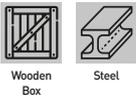
Art.	Dimensions	Slot	Tilting	Net weight
T004/250	255 x 180 x 135h mm	12 mm	± 36°	15 kg
T004/380	380 x 250 x 180h mm	16 mm	± 36°	45 kg
T004/600	610 x 305 x 253h mm	16 mm	± 36°	105 kg

P077-
PERMANENT MAGNETIC CHUCK


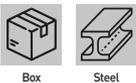
Art.	Dimensions	Magnetic force	Pole pitch	Net weight
P077/1525	250 x 150 x 60 mm	180 N/cm ²	3 + 12 mm	17 Kg
P077/1530	300 x 150 x 60 mm	180 N/cm ²	3 + 12 mm	20 Kg
P077/2040	400 x 200 x 60 mm	180 N/cm ²	3 + 12 mm	37 Kg
P077/3050	500 x 300 x 60 mm	180 N/cm ²	3 + 12 mm	65 Kg
P077/3060	600 x 300 x 60 mm	180 N/cm ²	3 + 12 mm	80 Kg


P078-
PERMANENT MAGNETIC CHUCK

With fixed polarity. It allows the machining of small and low thickness pieces due to fine pitch.



Art.	Dimensions	Magnetic force	Pole pitch	Net weight
P078/1525	250 x 150 x 48 mm	120 N/cm ²	0,5 + 1,5 mm	16 Kg
P078/1530	300 x 150 x 48 mm	120 N/cm ²	0,5 + 1,5 mm	17 Kg
P078/1535	350 x 150 x 48 mm	120 N/cm ²	0,5 + 1,5 mm	20 Kg
P078/1540	400 x 150 x 51 mm	120 N/cm ²	0,5 + 1,5 mm	24 Kg
P078/1545	450 x 150 x 51 mm	120 N/cm ²	0,5 + 1,5 mm	27 Kg
P078/2045	450 x 200 x 51 mm	120 N/cm ²	0,5 + 1,5 mm	38 Kg
P078/2050	500 x 200 x 58 mm	120 N/cm ²	0,5 + 1,5 mm	57 Kg
P078/2060	600 x 200 x 58 mm	120 N/cm ²	0,5 + 1,5 mm	55 Kg


P079-
MAGNETIC TOP WITH BREAST BAR


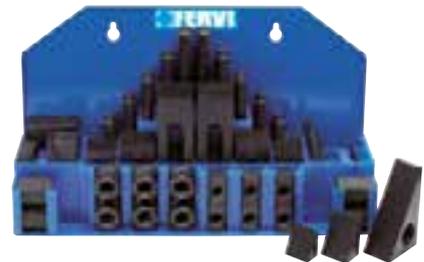
Art.	Dimensions	Magnetic force	Pole pitch	Tilting	Net weight
P079/1515	150 x 150 x 86 mm	120 N/cm ²	0,5 + 1,5 mm	0° - 60°	17 Kg
P079/1530	150 x 300 x 86 mm	120 N/cm ²	0,5 + 1,5 mm	0° - 60°	32 Kg


K001-
CLAMPING KIT

Consisting of: 24 tie rods, 6 T-nuts, 6 low nuts, 4 joint sleeves, 6 simple brackets, 12 stair supports, practical wall support.



Art.	Slot	Thread
K001/12	12 mm	M10
K001/14	14 mm	M12
K001/16	16 mm	M14
K001/18	18 mm	M16


K002-
CLAMPING SET

Consisting of 2 stepped supports, 2 tie rods and 2 T-head bolts and flanged nuts. To fix the elements to be milled on boards.



Art.	2 Step blocks	2 Clamp	2 Studs with Tee nuts	Slot
K002/08	25 x 25 x 42 mm	90 x 25 x 12 mm	M6 x 100 mm	8 mm
K002/10	25 x 25 x 42 mm	100 x 25 x 15 mm	M8 x 100 mm	10 mm
K002/12	25 x 25 x 42 mm	100 x 25 x 15 mm	M10 x 100 mm	12 mm
K002/14	25 x 25 x 42 mm	100 x 31 x 19 mm	M12 x 100 mm	14 mm





NEW FERVI SPINDLE RANGE

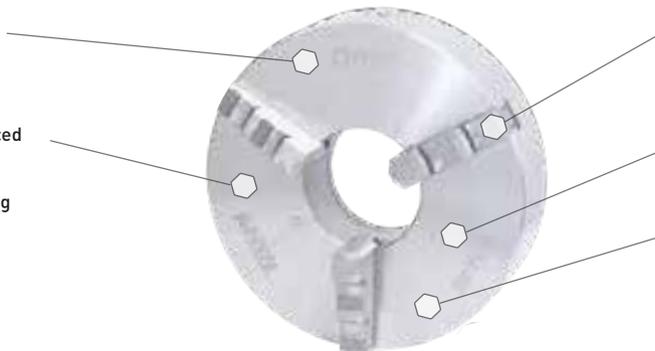


MAIN FEATURES

The new spindle line is compatible with all Fervi lathes.

Laser engraving with logo, model, and maximum RPM (revolutions per minute) number.

Single interchangeable body, balanced and well-balanced, made of heavy spheroidal cast iron with excellent rigidity, allowing for optimal gripping tolerance.



Durable jaws made of hardened, tempered, and ground steel.

Handy grease gun(s) for lubricating various parts.

The new Fervi chuck range allows for interchangeability of parts among items of the same size and with the same number of jaws.

FLANGE MOUNT

This range of spindles is designed for attachment by flange. Mechanical machining may be required to couple the spindle with the flange. They can also be applied to other mechanical parts (such as dividing tables or dividers), subject to mechanical adjustment.



INTEGRATED CAMLOCK ATTACHMENT

Camlock couplings allow faster changeover and, most importantly, prevent accidental unscrewing of the spindle. It does not require any preliminary machining for mounting on the machine.



SPINDLE SELECTION GUIDE

The choice of spindle is related to the type of machining to be performed.

3-JAW CHUCK (SELF CENTERING)



They allow solid circular or tubular, polygonal workpieces with a number of sides divisible by 3 to be clamped, centering them, by means of straight or reverse jaws.

4-JAW CHUCK (SELF-CENTERING)



They are used for fastening solid circular or tubular workpieces, with irregular or polygonal cross-section with a number of sides divisible by 4, by means of straight or reverse jaws.

INDEPENDENT JAW CHUCK



In this type of chuck, each jaw has independent movement in order to be able to clamp the workpiece with its axis off-center in the case of particular types of machining.

BASED ON THE LATHE



CENTER HEIGHT

This parameter indicates the height between the center of the spindle and the lathe bed. The tip height determines the maximum radius that can be machined on the bench. Multiplying the value by 2 will give us the maximum diameter that can be machined on the bench.

SPINDLE BORE

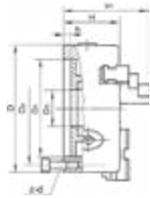
This is the diameter of the through-hole present on the lathe to be able to thread long bars to be turned by threading and clamping them between the jaws of the chuck.

SPINDLE NOSE CAMLOCK

Determined by the diameter of the lathe head flange pins or if available from machine technical data.

**M075A-****NEW****PRECISION SELF-CENTERING CHUCK 3 + 3 + 3 JAWS**

Single guide. Integral jaws, concentric clamping, equipped with: 1 series consisting of 3 internal jaws, 1 series consisting of 3 external jaws and tightening key and 1 series consisting of 3 solid soft jaws. Metal's rear cover for Ø250 mm, Ø320 mm and Ø400 mm chucks



Box

Wooden
Box

Cast Iron

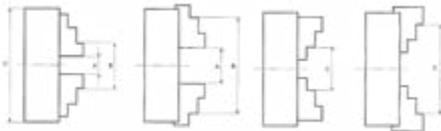
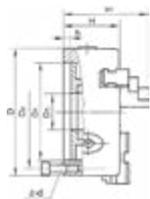


Lathe

Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M075A/080	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,9 kg
M075A/100	72 mm	84 mm	22 mm	74,5 mm	55 mm	4 mm	3-M8	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3,2 kg
M075A/125	95 mm	108 mm	30 mm	84 mm	58 mm	4 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	5 kg
M075A/160	130 mm	142 mm	45 mm	95 mm	65 mm	5 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,8 kg
M075A/200	165 mm	180 mm	65 mm	109 mm	75 mm	6 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	15,5 kg
M075A/250	206 mm	226 mm	80 mm	120 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	25,7 kg
M075A/320	270 mm	290 mm	100 mm	143,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	47,5 kg
M075A/400	340 mm	368 mm	145 mm	155 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	71 kg

M076A-**NEW****PRECISION SELF-CENTERING CHUCK 4+4+4 JAWS**

Single guide. Integral jaws, concentric clamping, equipped with 1 series consisting of 4 internal jaws, 1 series consisting of 4 external jaws and tightening key and 1 series consisting of 4 solid soft jaws.



Box

Wooden
Box

Cast Iron

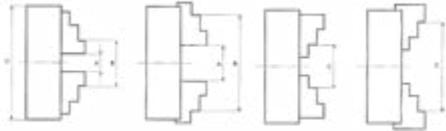
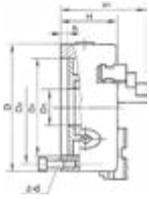


Lathe

Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M076A/080	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	2,1 kg
M076A/100	72 mm	84 mm	22 mm	75 mm	55 mm	4 mm	3-M8	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3,63 kg
M076A/125	95 mm	108 mm	30 mm	84 mm	58 mm	4,5 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	5,9 kg
M076A/160	130 mm	142 mm	45 mm	95 mm	65 mm	5 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	9,7 kg
M076A/200	165 mm	180 mm	65 mm	113 mm	75 mm	6 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	20,3 kg
M076A/250	206 mm	226 mm	80 mm	124 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	28,3 kg
M076A/320	270 mm	290 mm	100 mm	148,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	67 kg
M076A/400	340 mm	368 mm	145 mm	155 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	94 kg

M049A-
NEW
PRECISION SELF-CENTERING 3+3 JAWS CHUCK

Single guide. Integral jaws, concentric clamping, equipped with 1 series consisting of 3 internal jaws, 1 series consisting of 3 external jaws and tightening key. Metal's rear cover for $\varnothing 250$ mm, $\varnothing 320$ mm and $\varnothing 400$ mm chucks



Box



Wooden Box



Cast Iron



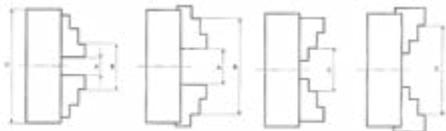
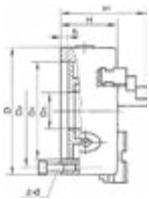
Lathe



Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M049A/080	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,71 kg
M049A/100	72 mm	84 mm	22 mm	74,5 mm	55 mm	4 mm	3-M8	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	2,94 kg
M049A/125	95 mm	108 mm	30 mm	84 mm	58 mm	5 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	4,74 kg
M049A/160	130 mm	142 mm	45 mm	95 mm	65 mm	6 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,1 kg
M049A/200	165 mm	180 mm	65 mm	114 mm	75 mm	6,5 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	14,42 kg
M049A/250	206 mm	226 mm	80 mm	125 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	25,6 kg
M049A/320	270 mm	290 mm	100 mm	143,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	47,4 kg
M049A/400	340 mm	368 mm	145 mm	155 mm	104 mm	6 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	78 kg

M449A-
NEW
PRECISION SELF-CENTERING 4+4 JAWS CHUCK

Single guide. Integral jaws, concentric clamping, equipped with 1 series consisting of 4 internal jaws, 1 series consisting of 4 external jaws and tightening key. Metal back cover for size $\varnothing 250$ mm, $\varnothing 300$ mm and $\varnothing 400$ mm.



Box



Wooden Box



Cast Iron



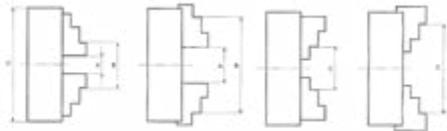
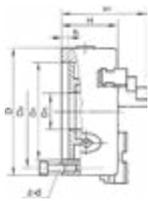
Lathe



Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M449A/080	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,8 kg
M449A/100	72 mm	84 mm	22 mm	75 mm	55 mm	4 mm	3-M8	8 mm	2,5 - 30 mm	30 - 90 mm	30 - 80 mm	3,1 kg
M449A/125	95 mm	108 mm	30 mm	84 mm	58 mm	4 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	4,9 kg
M449A/160	130 mm	142 mm	45 mm	95 mm	65 mm	5 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,6 kg
M449A/200	165 mm	180 mm	65 mm	113 mm	75 mm	6 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	15,3 kg
M449A/250	206 mm	226 mm	80 mm	124 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	27,2 kg
M449A/320	270 mm	290 mm	100 mm	148,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	52,3 kg
M449A/400	340 mm	368 mm	145 mm	155 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	78,1 kg

**M078A-****NEW****PRECISION SELF-CENTERING 3+3 JAWS CHUCK CAMLOCK**

Single guide. Integral jaws, concentric clamping, equipped with 1 series consisting of 3 internal jaws, 1 series consisting of 3 external jaws and tightening key.



Box

Wooden
Box

Cast Iron



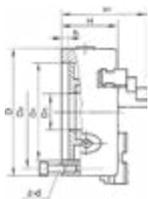
Lathe



Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M078A/160/D1-4	63,513 mm	82,6 mm	40 mm	100,5 mm	71 mm	13 mm	3-M10	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	10,6 kg
M078A/200/D1-4	63,513 mm	82,6 mm	50 mm	124 mm	86 mm	13 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	17 kg
M078A/200/D1-5	82,563 mm	104,8 mm	50 mm	124 mm	86 mm	15 mm	6-M12	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	20,1 kg
M078A/250/D1-5	82,563 mm	104,8 mm	70 mm	139 mm	95 mm	15 mm	6-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	32 kg
M078A/250/D1-6	106,375 mm	133,4 mm	80 mm	142 mm	98 mm	16 mm	6-M16	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	32 kg
M078A/250/D1-8	139,719 mm	171,4 mm	80 mm	142 mm	98 mm	18 mm	6-M20	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	32 kg
M078A/320/D1-6	106,375 mm	133,4 mm	102 mm	158 mm	103,5 mm	16 mm	6-M16	13 mm	11,5-145mm	95-320mm	110-320mm	51 kg
M078A/320/D1-8	139,719 mm	171,4 mm	102 mm	158 mm	103,5 mm	18 mm	6-M20	13 mm	11,5-145mm	95-320mm	110-320mm	51 kg
M078A/400/D1-8	139,719 mm	171,4 mm	130 mm	173 mm	118 mm	18 mm	6-M20	14 mm	15-210mm	120-400mm	120-400mm	82kg

M079A-**NEW****PRECISION SELF-CENTERING 4+4 JAWS CHUCK CAMLOCK**

Single guide. Integral jaws, concentric clamping, equipped with 1 series consisting of 4 internal jaws, 1 series consisting of 4 external jaws and tightening key.



Box

Wooden
Box

Cast Iron



Lathe



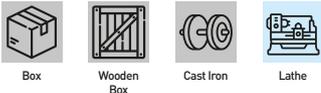
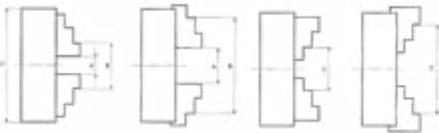
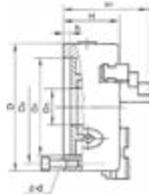
Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M079A/160/D1-4	63,513 mm	82,6 mm	40 mm	100,5 mm	71 mm	13 mm	3-M10	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	11 kg
M079A/200/D1-4	63,513 mm	82,6 mm	50 mm	124 mm	86 mm	13 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	19 kg
M079A/200/D1-5	82,563 mm	104,8 mm	50 mm	124 mm	86 mm	15 mm	6-M12	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	19 kg
M079A/250/D1-5	82,563 mm	104,8 mm	70 mm	139 mm	95 mm	15 mm	6-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	35 kg
M079A/250/D1-6	106,375 mm	133,4 mm	80 mm	142 mm	98 mm	16 mm	6-M16	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	35 kg
M079A/250/D1-8	139,719 mm	171,4 mm	80 mm	142 mm	98 mm	18 mm	6-M20	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	35 kg
M079A/320/D1-6	106,375 mm	133,4 mm	102 mm	158 mm	103,5 mm	16 mm	6-M16	13 mm	11,5-145mm	95-320mm	110-320mm	56kg
M079A/320/D1-8	139,719 mm	171,4 mm	102 mm	158 mm	103,5 mm	18 mm	6-M20	13 mm	11,5-145mm	95-320mm	110-320mm	56kg
M079A/400/D1-8	139,719 mm	171,4 mm	130 mm	173 mm	118 mm	18 mm	6-M20	14 mm	15-210mm	120-400mm	120-400mm	90kg

M005A-

NEW

PRECISION SELF CENTERING 3 REVERSIBLE JAWS CHUCK

With single guide, single guide, equipped with 3 internal - external reversible hard jaws, clamping key and jaw-fixing screws., tightening wrench and jaw fixing screws. Plastic back cover for size Ø200 mm.



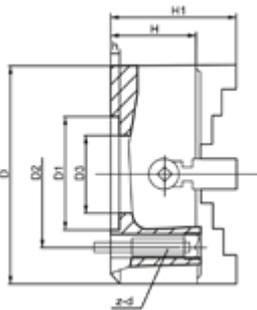
Art.	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M005A/200	165 mm	180 mm	65 mm	122 mm	75 mm	5 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	14 kg
M005A/250	206 mm	226 mm	80 mm	136 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	23,4 kg
M005A/320	270 mm	290 mm	100 mm	153,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	42,4 kg
M005A/400	340 mm	368 mm	145 mm	175 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	71 kg
M005A/500	440 mm	465 mm	210 mm	197 mm	115 mm	7 mm	6-M16	17 mm	25 - 280 mm	150 - 500 mm	150 - 500 mm	119 kg
M005A/630	560 mm	595 mm	280 mm	218 mm	135 mm	8 mm	6-M16	19 mm	50 - 350 mm	170 - 630 mm	170 - 630 mm	208 kg

P444A-

NEW

4 JAW INDEPENDENT CHUCK

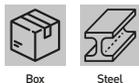
With screw control, flange connection, reversible simple guide jaws for internal and external gripping. Equipped with jaw key and fixing screws.



Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	Net weight
P444A/125	125 mm	95 mm	108 mm	30 mm	78 mm	56 mm	6 mm	4-M8	7 mm	4,8kg
P444A/160	160 mm	65 mm	95 mm	55 mm	103 mm	75 mm	5 mm	4-M10	10 mm	10 kg
P444A/200	200 mm	80 mm	112 mm	70 mm	119 mm	80 mm	6 mm	4-M10	10 mm	14,5 kg
P444A/250	250 mm	110 mm	130 mm	100 mm	131 mm	90 mm	6 mm	4-M12	12 mm	23 kg
P444A/320	320 mm	140 mm	165 mm	115 mm	152 mm	102 mm	16 mm	4-M16	14 mm	43 kg
P444A/400	400 mm	160 mm	185 mm	125 mm	157 mm	110 mm	13 mm	4-M16	14 mm	71 kg

**M049A-xST****NEW****3 SOLID SOFT JAWS SET**

For self-centering chucks with simple guide.



Art.	Chuck sizes
M049A/080ST	Ø 80 mm
M049A/100ST	Ø 100 mm
M049A/125ST	Ø 125 mm
M049A/160ST	Ø 160 mm

M049A-xGBD**NEW****3 SOFT JAWS SET**

With base in hardened steel, for self-centering chuck with simple guide.



Art.	Chuck sizes
M049A/200GBD	Ø 200 mm
M049A/250GBD	Ø 250 mm
M049A/320GBD	Ø 320 mm
M049A/400GBD	Ø 400 mm

M449A-xST**NEW****4 SOLID SOFT JAWS SET**

For self-centering chucks with simple guide.



Art.	Chuck sizes
M449A/080ST	Ø 80 mm
M449A/100ST	Ø 100 mm
M449A/125ST	Ø 125 mm
M449A/160ST	Ø 160 mm

M449A-xGBD**NEW****4 SOFT JAWS SET**

With base in hardened steel, for self-centering chuck with simple guide.



Art.	Chuck sizes
M449A/200GBD	Ø 200 mm
M449A/250GBD	Ø 250 mm
M449A/320GBD	Ø 320 mm
M449A/400GBD	Ø 400 mm

2622x**SOFT TOP JAW FOR CHUCKS**

Applicable on hard jaws.



Art.	Ø	Slot distance
M075/160T	160 mm	38,1 mm
M075/200T	200 mm	44,50 mm
M075/250T	250 mm	54 mm
M075/315T	315 mm	63,5 mm
262206R	400 mm	76,2 mm
262207R	500 - 630 mm	76,2 mm

FD0x-**NEW****MOUNTING WITH STUD**

Camlock DIN 55029 to short cone with raw spindle side.



Art.	Cam lock Type	Size	Thickness	Pins
FD04/125	4"	Ø 125 mm	26 mm	Ø 15,9 mm
FD04/160	4"	Ø 160 mm	26 mm	Ø 15,9 mm
FD04/200	4"	Ø 200 mm	28 mm	Ø 15,9 mm
FD05/200	5"	Ø 200 mm	30 mm	Ø 19 mm
FD05/250	5"	Ø 250 mm	30 mm	Ø 19 mm
FD06/250	6"	Ø 250 mm	30 mm	Ø 22 mm
FD06/380	6"	Ø 400 mm	30 mm	Ø 22 mm
FD08/250	8"	Ø 250 mm	30 mm	Ø 25,4 mm
FD08/320	8"	Ø 320 mm	30 mm	Ø 25,4 mm
FD08/380	8"	Ø 400 mm	30 mm	Ø 25,4 mm
FD08/500	8"	Ø 500 mm	36 mm	Ø 25,4 mm
FD11/320	11"	Ø 320 mm	45 mm	Ø 30,0 mm
FD11/400	11"	Ø 400 mm	30 mm	Ø 30,0 mm
FD11/500	11"	Ø 500 mm	36 mm	Ø 30 mm

0563-**LATHE CHUCK KEY**

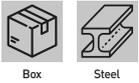
For spindles, with safety spring.



Art.	Spanner square	Dimensions
0563/08	8 mm	61 x 120 mm
0563/10	10 mm	120 x 210 mm
0563/12	12 mm	155 x 300 mm
0563/13	13 mm	120 x 300 mm
0563/14	14 mm	130 x 350 mm
0563/17	17 mm	130 x 400 mm
0563/19	19 mm	200 x 500 mm

0751/A4

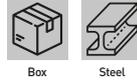
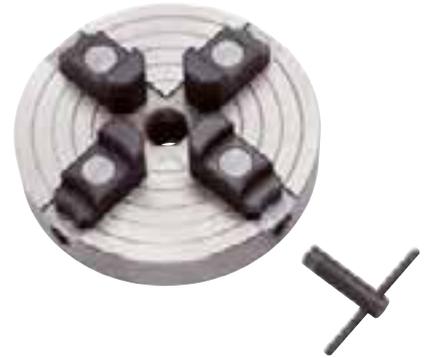
CHUCK FOR LATHE



4 jaw reversible self centering chuck	Ø 125 mm
Thread	1" - 8 TPI
Hole	Ø 22 mm

0751/P

CHUCK FOR LATHE

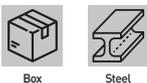


4 jaw independent reversible chuck	Ø 150 mm
Thread	1" - 8 TPI
Hole	Ø 22 mm

0425-

4 JAW SELF-CENTERING CHUCK

For wood lathe, Ø 125 mm.



Art.	Ø	Clamp capacity	Thread
0425/100	95 mm	Int. 32 - 45 mm - Ext. 68 - 85 mm	1" - 8 TPI
0425/125	125 mm	Int. 50 - 70 mm - Ext. 85 - 110 mm	1" - 8 TPI e M33 x 3,5

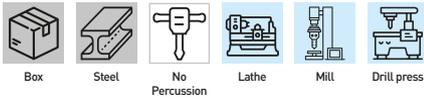




M051-

HIGH PRECISION 3 JAWS KEYLESS DRILL CHUCK

For industrial use, even in the most severe conditions of use. Sliding parts entirely hardened and ground. Spindle jaw hardness HRC58.

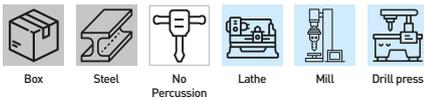


Art.	Capacity	DIN	Dimensions
M051/08	0,5 ÷ 8 mm	B 12	Ø 39 x 80 mm
M051/10	1 ÷ 10 mm	B 12	Ø 44.5 x 82 mm
M051/13	1 ÷ 13 mm	B 16	Ø 49.5 x 91 mm
M051/16	1 ÷ 16 mm	B 18	Ø 54 x 102.5 mm
M051/20	1 ÷ 20 mm	B 22	Ø 59 x 119 mm



M042-

LIGHT DUTY PROFESSIONAL SELF-TIGHTENING KEYLESS DRILL CHUCKS

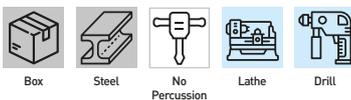


Art.	Capacity	DIN	Dimensions
M042/08	0.5 ÷ 8 mm	B12	Ø 36 x 71 mm
M042/10	1 ÷ 10 mm	B12	Ø 39 x 80 mm
M042/13	1 ÷ 13 mm	B16	Ø 41 x 87 mm
M042/16	3 ÷ 16 mm	B18	Ø 49 x 98 mm
M042/20	5 ÷ 20 mm	B22	Ø 53 x 106 mm



M052-

KEY TYPE TAPER HOLE DRILL CHUCKS



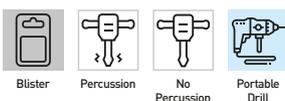
Art.	Capacity	DIN	Dimensions
M052/10	1 ÷ 10 mm	B12	Ø 43 x 57 mm
M052/13	1 ÷ 13 mm	B16	Ø 53 x 65 mm
M052/16	3 ÷ 16 mm	B18	Ø 53 x 74 mm
M052/20	5 ÷ 20 mm	B22	Ø 64 x 83 mm



M080/13

KEYLESS CHUCK WITH LOCK

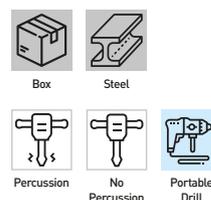
For double rotation and percussion use. Keyless quick locking with radial locking by rotating the spindle body. Body covered in synthetic material and operating parts in steel. with left fixing screw.



Capacity	Shank
2 ÷ 13 mm	1/2 20 UNF

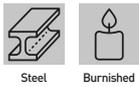
M081-

KEY TYPE TAPER HOLE DRILL CHUCKS



Art.	Capacity	Shank
M081/13	1÷13 mm	1/2" 20 UNF
M081/13A	1÷13 mm	3/8" 24 UNF



0711-
DRILL CHUCKS KEYS


Art.	L	A
0711/06	56 mm	5 mm
0711/10	56 mm	5 mm
0711/13	80 mm	6 mm
0711/16	90 mm	7 mm
0711/20	120 mm	8 mm

1-xB
NEW
MORSE TAPER ADAPTER

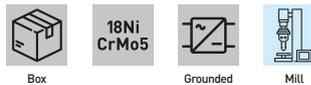
DIN 2080. Balanced chuck body, with extraction slot for tools. Balancing 12.000 rpm.



Art.	ISO	MT	D	L
1/1B40	40	1	25 mm	50 mm
1/2B40	40	2	32 mm	50 mm
1/3B40	40	3	40 mm	65 mm
1/4B40	40	4	48 mm	95 mm
1/1B50	50	1	25 mm	45 mm
1/2B50	50	2	32 mm	60 mm
1/3B50	50	3	40 mm	65 mm
1/4B50	50	4	48 mm	70 mm
1/5B50	50	5	63 mm	100 mm

1-xA
MORSE TAPER ADAPTER

DIN 69871/A, balanced chuck body, with extraction slot for tools. Balancing 12.000 rpm.



Art.	ISO	MT	D	L
1/1A40	40	1	25 mm	45 mm
1/2A40	40	2	32 mm	60 mm
1/3A40	40	3	40 mm	75 mm
1/4A40	40	4	50 mm	98 mm
1/2A50	50	2	32 mm	40 mm
1/3A50	50	3	40 mm	50 mm
1/4A50	50	4	48 mm	95 mm
1/5A50	50	5	63 mm	110 mm

1-xD
MORSE TAPER ADAPTER

MAS-403 BT, balanced chuck body, with extraction slot for tools. Balancing 12.000 rpm.



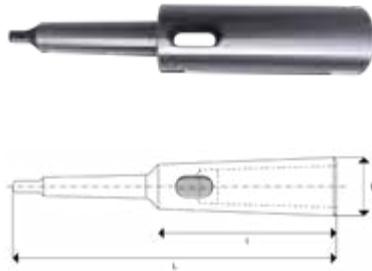
Art.	BT	MT	D	L
1/1D40	40	1	25 mm	45 mm
1/2D40	40	2	32 mm	60 mm
1/3D40	40	3	40 mm	75 mm
1/4D40	40	4	50 mm	98 mm
1/2D50	50	2	32 mm	40 mm
1/3D50	50	3	40 mm	75 mm
1/4D50	50	4	50 mm	80 mm
1/5D50	50	5	63 mm	110 mm



ST45-xL

EXTENDED MORSE TAPER ADAPTERS

For mounting tools with tapered shank vices.



Art.	MT External	MT Internal	L	l	D
ST45/2/1L	2	1	160 mm	85 mm	20 mm
ST45/2/2L	2	2	175 mm	90 mm	30 mm
ST45/2/3L	2	3	196 mm	121 mm	36 mm
ST45/3/1L	3	1	175 mm	81 mm	20 mm
ST45/3/2L	3	2	194 mm	100 mm	30 mm
ST45/3/3L	3	3	215 mm	121 mm	36 mm
ST45/3/4L	3	4	240 mm	146 mm	48 mm
ST45/4/1L	4	1	200 mm	82,5 mm	20 mm
ST45/4/2L	4	2	215 mm	97,5 mm	30 mm
ST45/4/3L	4	3	240 mm	122,5 mm	36 mm
ST45/4/4L	4	4	265 mm	147,5 mm	48 mm
ST45/4/5L	4	5	300 mm	182,5 mm	63 mm
ST45/5/1L	5	1	232 mm	82,5 mm	20 mm
ST45/5/2L	5	2	247 mm	97,5 mm	30 mm
ST45/5/3L	5	3	268 mm	118,5 mm	36 mm
ST45/5/4L	5	4	300 mm	150,5 mm	48 mm
ST45/5/5L	5	5	335 mm	185,5 mm	63 mm
ST45/5/6L	5	6	396 mm	247 mm	82 mm

A001-

PRECISION DRILL CHUCK SHANK

For spindles with taper shank.



Art.	MT	DIN
A001/2/12	2	B12
A001/2/16	2	B16
A001/2/18	2	B18
A001/3/12	3	B12
A001/3/16	3	B16
A001/3/18	3	B18
A001/3/22	3	B22
A001/4/16	4	B16
A001/4/18	4	B18
A001/4/22	4	B22

ST45-

PRECISION MORSE TAPER REDUCTION SLEEVE

For mounting tools with tapered shank vices.



Art.	MT External	MT Internal
ST45/2/1	2	1
ST45/3/1	3	1
ST45/3/2	3	2
ST45/4/1	4	1
ST45/4/2	4	2
ST45/4/3	4	3
ST45/5/3	5	3
ST45/5/4	5	4

E002-

DRIFT SLEEVES

For cone extraction.



Art.	MT
E002/12	1-2
E002/3	3
E002/4	4

3-CM

COLLET CHUCK

DIN 228/A, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule.

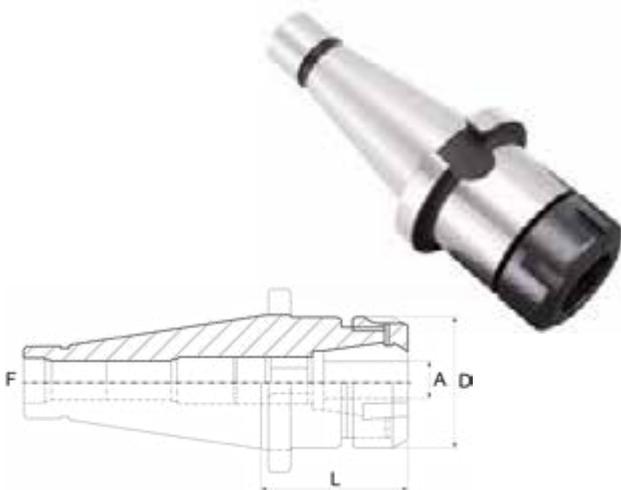


Art.	Pliers	D	L	L1	F	A
3/CM2	ER 32	50 mm	135 mm	60 mm	M 10	3 / 20 mm
3/CM3	ER 32	50 mm	146 mm	60 mm	M 12	3 / 20 mm
3/CM4	ER 32	50 mm	166 mm	58 mm	M 16	3 / 20 mm

3/B/40

COLLET CHUCK

DIN 2080, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule

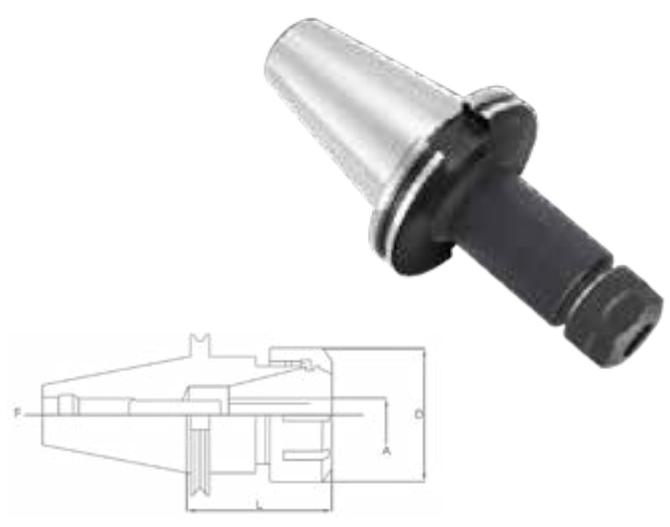


Pliers	ER 32
A	3/20 mm
D	50 mm
L	65 mm
F	M 16
Balancing rpm	2000

3A40-

COLLET CHUCK

DIN 69871/A, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule. Balancing 12.000 rpm.

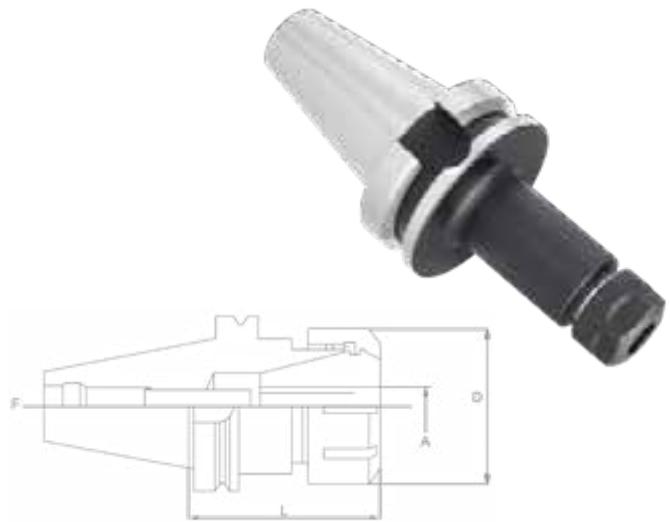


Art.	Pliers	A	D	L	F
3A40/16	ER 16	1 / 10 mm	28 mm	100 mm	M 16
3A40/20	ER 20	2 / 13 mm	34 mm	100 mm	M 16
3A40/25	ER 25	2 / 16 mm	42 mm	100 mm	M 16
3/A/40	ER 32	3/20 mm	50 mm	72 mm	M 16

3D40-

COLLET CHUCK

MAS-403 BT, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule. Balancing 12.000 rpm.



Art.	Pliers	A	D	L	F
3D40/16	ER 16	1 / 10 mm	28 mm	100 mm	M 16
3D40/20	ER 20	2 / 13 mm	34 mm	100 mm	M 16
3D40/25	ER 25	2 / 16 mm	42 mm	100 mm	M 16
3/D/40	ER 32	3/20 mm	50 mm	63 mm	M 16



PR16/10P

SPRING COLLET SET

ER16 DIN 6499/B, usable with collet chucks.



Sizes \emptyset 1-2-3-4-5-6-7-8-9-10 mm

PR20/12P

SPRING COLLET SET

ER16 DIN 6499/B, usable with collet chucks.

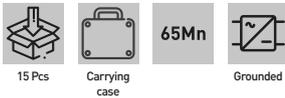


Sizes \emptyset 2-3-4-5-6-7-8-9-10-11-12-13 mm

PR25/15P

SPRING COLLET SET

ER25 DIN 6499/B, usable with collet chucks.



Sizes \emptyset 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16 mm

P032/7P

SPRING COLLET SET

ER32 DIN 6499/B, usable with collet chucks.



Sizes 4-6-8-10-12-16-20 mm

P032-

SPRING COLLET

ER32 DIN 6499/B, usable with collet chucks.



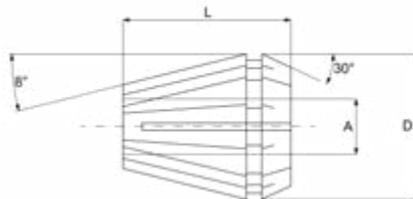
P032/18P

SPRING COLLET SET

ER32 DIN 6499/B, usable with collet chucks.



Sizes 3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20 mm

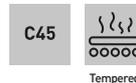


Art.	Capacity A	D	L
P032/03	2-3 mm	33 mm	40 mm
P032/04	3-4 mm	33 mm	40 mm
P032/05	4-5 mm	33 mm	40 mm
P032/06	5-6 mm	33 mm	40 mm
P032/07	6-7 mm	33 mm	40 mm
P032/08	7-8 mm	33 mm	40 mm
P032/09	8-9 mm	33 mm	40 mm
P032/10	9-10 mm	33 mm	40 mm
P032/11	10-11 mm	33 mm	40 mm
P032/12	11-12 mm	33 mm	40 mm
P032/13	12-13 mm	33 mm	40 mm
P032/14	13-14 mm	33 mm	40 mm
P032/15	14-15 mm	33 mm	40 mm
P032/16	15-16 mm	33 mm	40 mm
P032/17	16-17 mm	33 mm	40 mm
P032/18	17-18 mm	33 mm	40 mm
P032/19	18-19 mm	33 mm	40 mm
P032/20	19-20 mm	33 mm	40 mm

G0x

SPARE RING

ER DIN 6499.



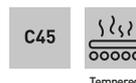
Art.	Plier
G016	ER16
G020	ER20
G025	ER25
G032	ER32



CHERx

LOCK RING DRIVING KEY

ER DIN 6499.



Art.
CHER25
CHER32



16-CM

TAPER SHANK SHELL END MILL ADAPTER

DIN 228/A for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key.



Art.	d - h6	MT	F	H
16/CM3	16 mm	3	M 12	40 mm
16/CM4	16 mm	4	M 16	55 mm
22/CM3	22 mm	3	M 12	50 mm
22/CM4	22 mm	4	M 16	55 mm
27/CM3	27 mm	3	M 12	50 mm
27/CM4	27 mm	4	M 16	55 mm

16Ax

ARBOR FOR MILLING CUTTERS

DIN 69871/A, balanced chuck body, for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key. Balancing 12.000 rpm.



Art.	ISO	d-h6	L	L1	Balancing rpm
16A40	40	16 mm	27 mm	35 mm	12000
22A40	40	22 mm	31 mm	41 mm	12000
27A40	40	27 mm	33 mm	41 mm	12000
32A40	40	32 mm	38 mm	45 mm	12000
16A50	50	16 mm	27 mm	35 mm	12000
22A50	50	22 mm	31 mm	35 mm	12000
27A50	50	27 mm	33 mm	35 mm	12000
32A50	50	32 mm	38 mm	40 mm	12000
40A50	50	40 mm	41 mm	40 mm	12000

16-B

ARBOR FOR MILLING CUTTERS

DIN 2080, balanced chuck body, for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key. Balancing 2.000 rpm.

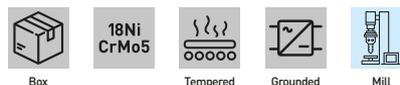
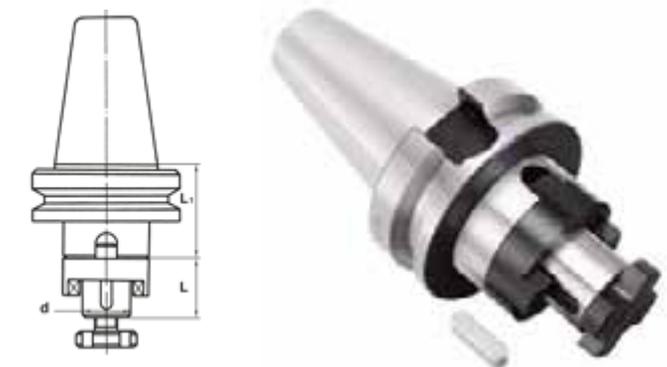


Art.	ISO	d - h6	L	L1
16/B40	40	16 mm	27 mm	35 mm
22/B40	40	22 mm	31 mm	39 mm
27/B40	40	27 mm	33 mm	40 mm
32/B40	40	32 mm	38 mm	40 mm
16/B50	50	16 mm	27 mm	35 mm
22/B50	50	22 mm	31 mm	35 mm
27/B50	50	27 mm	33 mm	35 mm
32/B50	50	32 mm	38 mm	40 mm
40/B50	50	40 mm	41 mm	40 mm

16-D

ARBOR FOR MILLING CUTTER

MAS-403 BT, balanced chuck body, for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key. Balancing 12.000 rpm.



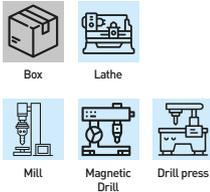
Art.	BT	d - h6	L	L1
16/D40	40	16 mm	27 mm	35 mm
22/D40	40	22 mm	31 mm	35 mm
27/D40	40	27 mm	33 mm	35 mm
32/D40	40	32 mm	38 mm	40 mm
16/D50	50	16 mm	27 mm	35 mm
22/D50	50	22 mm	31 mm	35 mm
27/D50	50	27 mm	33 mm	35 mm
32/D50	50	32 mm	38 mm	40 mm
40/D50	50	40 mm	41 mm	40 mm



M004-

HOLE CUTTER SHANK WITH COOLANT SYSTEM AND WELDON SHANK

With system for the lubrication of the cutter from the inside during drilling.

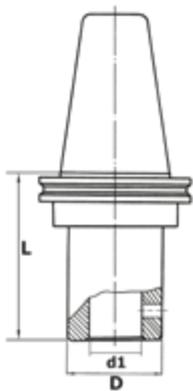


Art.	MT	Total length	Female junction
M004/2	2	170,5 mm	Weldom 19,05 mm
M004/3	3	190,5 mm	Weldom 19,05 mm

4-

WELDON SHANK TOOL HOLDER

DIN 69871/A, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw. Balancing 12.000 rpm.

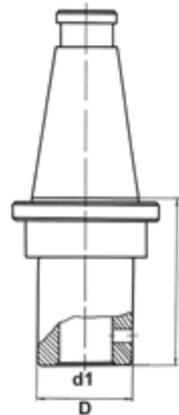


Art.	ISO	d1 - h6	D	L
4/06A40	40	6 mm	25 mm	60 mm
4/08A40	40	8 mm	28 mm	60 mm
4/10A40	40	10 mm	35 mm	50 mm
4/12A40	40	12 mm	42 mm	60 mm
4/14A40	40	14 mm	42 mm	70 mm
4/16A40	40	16 mm	48 mm	70 mm
4/18A40	40	18 mm	48 mm	70 mm
4/20A40	40	20 mm	52 mm	63 mm
4/25A40	40	25 mm	40 mm	100 mm
4/32A40	40	32 mm	72 mm	100 mm
4/06A50	50	6 mm	25 mm	65 mm
4/08A50	50	8 mm	28 mm	65 mm
4/10A50	50	10 mm	35 mm	70 mm
4/12A50	50	12 mm	42 mm	75 mm
4/14A50	50	14 mm	42 mm	75 mm
4/16A50	50	16 mm	48 mm	80 mm
4/18A50	50	18 mm	48 mm	80 mm
4/20A50	50	20 mm	52 mm	80 mm
4/25A50	50	25 mm	65 mm	100 mm
4/32A50	50	32 mm	72 mm	105 mm
4/40A50	50	40 mm	80 mm	120 mm

4-xB

WELDON SHANK TOOL HOLDER

DIN 2080, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw. Balancing 2.000 rpm.

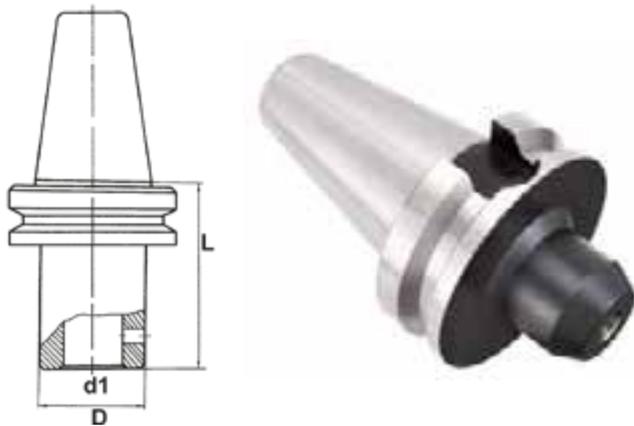


Art.	ISO	d1 - h6	D	L
4/06B40	40	6 mm	25 mm	50 mm
4/08B40	40	8 mm	28 mm	50 mm
4/10B40	40	10 mm	35 mm	50 mm
4/12B40	40	12 mm	42 mm	50 mm
4/16B40	40	16 mm	48 mm	63 mm
4/18B40	40	18 mm	48 mm	50 mm
4/20B40	40	20 mm	52 mm	63 mm
4/25B40	40	25 mm	65 mm	100 mm
4/32B40	40	32 mm	72 mm	80 mm
4/06B50	50	6 mm	25 mm	50 mm
4/08B50	50	8 mm	28 mm	50 mm
4/10B50	50	10 mm	35 mm	50 mm
4/12B50	50	12 mm	42 mm	50 mm
4/16B50	50	16 mm	48 mm	50 mm
4/20B50	50	20 mm	52 mm	63 mm
4/25B50	50	25 mm	65 mm	80 mm
4/32B50	50	32 mm	72 mm	80 mm
4/40B50	50	40 mm	90 mm	90 mm

4-xD

WELDON SHANK TOOL HOLDER

MAS-403 BT, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw. Balancing 12.000 rpm.



Art.	BT	d1 - h6	D	L
4/06D40	40	6 mm	25 mm	60 mm
4/08D40	40	8 mm	28 mm	60 mm
4/10D40	40	10 mm	35 mm	60 mm
4/12D40	40	12 mm	42 mm	70 mm
4/14D40	40	14 mm	42 mm	70 mm
4/16D40	40	16 mm	48 mm	70 mm
4/18D40	40	18 mm	48 mm	70 mm
4/20D40	40	20 mm	52 mm	75 mm
4/25D40	40	25 mm	63 mm	100 mm
4/32D40	40	32 mm	72 mm	100 mm
4/06D50	50	6 mm	25 mm	65 mm
4/08D50	50	8 mm	28 mm	65 mm
4/10D50	50	10 mm	35 mm	70 mm
4/12D50	50	12 mm	42 mm	75 mm
4/14D50	50	14 mm	42 mm	75 mm
4/16D50	50	16 mm	48 mm	80 mm
4/18D50	50	18 mm	48 mm	80 mm
4/20D50	50	20 mm	52 mm	80 mm
4/25D50	50	25 mm	65 mm	100 mm
4/32D50	50	32 mm	72 mm	105 mm
4/40D50	50	40 mm	80 mm	120 mm

2-xA

MORSE TAPER ADAPTER WITH THREAD

DIN 69871/A, balanced chuck body. Balancing 12.000 rpm.

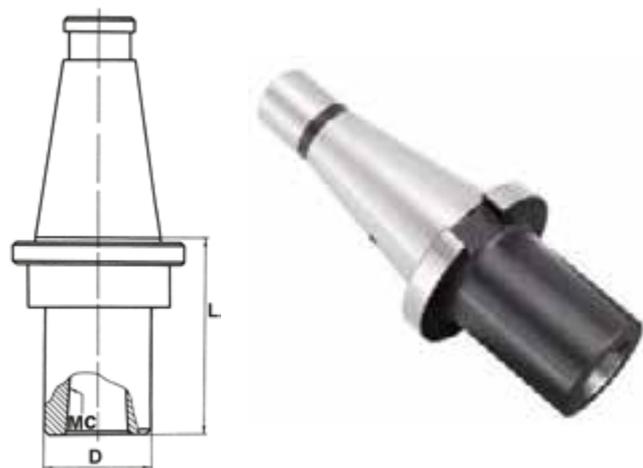


Art.	ISO	MT	D	L
2/1A40	40	1	25 mm	45 mm
2/2A40	40	2	32 mm	60 mm
2/3A40	40	3	40 mm	75 mm
2/4A40	40	4	50 mm	98 mm
2/2A50	50	2	32 mm	40 mm
2/3A50	50	3	40 mm	50 mm
2/4A50	50	4	50 mm	80 mm
2/5A50	50	5	63 mm	110 mm

2-xB

MORSE TAPER ADAPTER WITH THREAD

DIN 2080, balanced chuck body. Balancing 2.000 rpm.



Art.	ISO	MT	D	L
2/1B40	40	1	25 mm	15 mm
2/2B40	40	2	32 mm	30 mm
2/3B40	40	3	40 mm	64 mm
2/4B40	40	4	50 mm	94 mm
2/2B50	50	2	32 mm	20 mm
2/3B50	50	3	40 mm	30 mm
2/4B50	50	4	50 mm	65 mm
2/5B50	50	5	63 mm	105 mm

**2-xD****MORSE TAPER ADAPTER WITH THREAD**

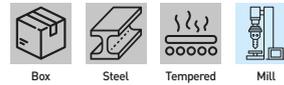
MAS-403 BT, balanced chuck body. Balancing 12.000 rpm.



Art.	BT	MT	D	L
2/1D40	40	1	25 mm	45 mm
2/2D40	40	2	32 mm	60 mm
2/3D40	40	3	40 mm	75 mm
2/4D40	40	4	50 mm	98 mm
2/2D50	50	2	32 mm	40 mm
2/3D50	50	3	40 mm	75 mm
2/4D50	50	4	50 mm	80 mm
2/5D50	50	5	63 mm	110 mm

TIPAx**TIP**

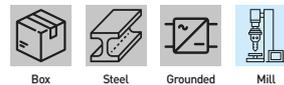
DIN 69871/A.



Art.	ISO
TIPA40	40
TIPA50	50

**TIPDx****TIP**

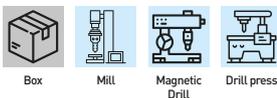
MAS-403 BT.



Art.	ISO
TIPD40	40
TIPD50	50

**M059-****REVERSIBLE TAPPING CHUCK WITH ADJUSTABLE CLUTCH**

The adjustable safety device with friction reduces the possibility of breaking the male during the execution of the thread. Built-in rotation inverter, immediately active when the feed device is changed. Adjustable clutch in 4 positions. Equipped with 2 flexible pliers and keys for use.



Art.	Tapping range	Dimensions w/o MT	MT	DIN
M059/07	M 2 - 7	Ø 55 x 130h mm	2	B16
M059/12	M 5 - 12	Ø 75 x 162h mm	3	B16
M059/20	M 8 - 20	Ø 91 x 204h mm	4	B22

**M060-****TAPPING CHUCK**

Thanks to the compensation, the possibility of breaking the male during the threading operation is significantly reduced. Possibility of adjusting the intensity of the compensation. Equipped with 6 sockets with Ø 19 mm connection. Sockets per square: N°1 3.5x2.7 mm - N°1 4.5x3.4 mm - N°2 6x4.9 mm - N°1 8x6.2 mm - N°1 10x8 mm - N°1 9x7 mm.

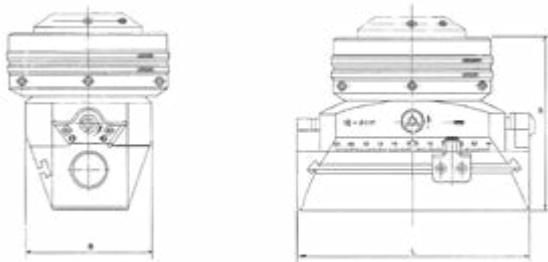


Art.	Tapping range	Arbor length with and without holder	MT
M060/2	M 3 - 12	213 - 175 - Ø 46 mm	2
M060/3	M 3 - 12	228 - 190 - Ø 46 mm	3
M060/4	M 3 - 12	253 - 215 - Ø 46 mm	4



T021-
AUTOMATIC PRECISION BORING HEAD

To slightly correct the axiality and diameter of the holes. It can work automatically and manually.



Art.
T021/030
T021/030CM3
T021/050
T021/100
T021/100/50

	T021/030 T021/030CM3	T021/050	T021/100 T021/100/50
Max facing and boring \varnothing	150 mm	350 mm	450 mm
Max stroke of slide	± 15 mm	± 25 mm	± 50 mm
Fine feed per graduation	0,005 mm	0,005 mm	0,005 mm
Manual feed per revolution	2 mm	3 mm	3 mm
Self acting feed per revolution	0,02-0,04-0,06 0,08-0,10-0,12 mm	0,03-0,06-0,09 0,12-0,15-0,18 mm	0,03-0,06-0,09 0,12-0,15-0,18 mm
\varnothing of tool post holes in head	18 mm	22 mm	22 mm
Max \varnothing of head	90 mm	120 mm	168 mm
Height of head without shank - (H)	87,5 mm	118 mm	118 mm
Weight of head without shank	2,9 kg	6,1 kg	7,8 kg
Length of sliding block	75 mm	105 mm	160 mm
Width of sliding block	70 mm	90 mm	90 mm
Collets hole	4 - 8 - 12 mm	8 - 10 - 12 - 14 mm	8 - 10 - 12 - 14 mm
Accessories	1 - 2 - 6	1 - 2 - 3 - 4 - 5	1 - 2 - 3 - 4 - 5
Extension hole for tool holder	$\varnothing 6$ mm	$\varnothing 10$ mm	$\varnothing 10$ mm

T010-
PRECISION BORING HEAD

Tool kit not included, to slightly correct the axiality and diameter of the holes.



Art.	Boring head body	Shank	Tools	Max offset	A
T010/5003	$\varnothing 50$ mm	MT3-DIN228A	$\varnothing 12$ mm	15 mm	75 mm
T010/5004	$\varnothing 50$ mm	MT4-DIN228A	$\varnothing 12$ mm	15 mm	75 mm
T010/5040	$\varnothing 50$ mm	ISO 40-DIN2080	$\varnothing 12$ mm	15 mm	81 mm
T010/7540	$\varnothing 75$ mm	ISO 40-DIN2080	$\varnothing 18$ mm	25 mm	99 mm

B001-
SOLID BORING BAR SET FOR PRECISION BORING HEADS

For the various boring operations.



Art.	Suitable	Spindle	Length	Screw	Insert (not included)
B001/12	T010/50	12 \varnothing mm	60 mm	KV250	TCMT110204N
B001/18	T010/75	18 \varnothing mm	99 mm	KV250	TCMT110204N

S007-
CHUCK HOLDER TILTABLE

DIN 2080, DIN 69871/A and MAS BT-TC, it allows the orientation of the tool holders on the vertical and horizontal axes to facilitate the assembly of the tools. The cone of the tool holders is protected by two suitably positioned O-rings. Steel cone, operating levers in thermoplastic material, base to be fixed to the workbench with 4 screws.



Art.	Dimensions	Base	Taper
S007/30	230 x h150 mm	Ø 150 mm	ISO 30 DIN 2080 - SK30 DIN 69871 - BT30 - CAT30 - HSK50A - CAPTO C5
S007/40	235 x h155 mm	Ø 150 mm	ISO 40 DIN 2080 - SK40 DIN 69871 - BT40 - CAT40 - HSK63A - CAPTO C6
S007/50	265 x h200 mm	Ø 180 mm	ISO 50 DIN 2080 - SK50 DIN 69871 - BT50 - CAT50 - HSK100A - CAPTO C10

S014-
CHUCK HOLDER

Equipped with vertical and horizontal position. Base with 4 fixing holes to fix it to the workbench.



Art.	Chuck sizes
S014/40BT	BT 40 ISO 40
S014/40DIN	DIN 69871.40 ISO 40
S014/50BT	BT 50 ISO 50
S014/50DIN	DIN 69871.50 ISO 50

P450A
NEW
TOOL ROLLING CABINET KIT

Equipped with slotted walls with the insertion of bush holder frames, carrying handle. Supplied in assembly kit with 20 cone holders.



Dimensions	1080 x 656 x 830h mm
Taper	ISO 50

P440A
NEW
TOOL ROLLING CABINET KIT

Equipped with slotted walls with the insertion of bush holder frames, carrying handle. Supplied in assembly kit with 28 cone holders.



Dimensions	1080 x 656 x 830h mm
Taper	ISO 40

P350A
NEW
TABLE TOOL RACK KIT

Frame that can be positioned on the workbench or on the cabinets, designed for the insertion of tool holder bushings on three rows. Supplied in assembly kit with 15 cone holders.



Dimensions	620 x 453 x 350h mm
Taper	ISO 50

P340A
NEW
TABLE TOOL RACK KIT

Frame that can be positioned on the workbench or on the cabinets, designed for the insertion of tool holder bushings on three rows. Supplied in assembly kit with 21 cone holders.



Dimensions	620 x 453 x 350h mm
Taper	ISO 40

PC50A

NEW

TOOL HOLDER SHELF

Equipped with handles for handling. Supplied with 5 cone holders.



Box

Dimensions	620 x 140 x 90h mm
Taper	ISO 50

PC40A

NEW

TOOL HOLDER SHELF

Equipped with handles for handling. Supplied with 7 cone holders.



Box

Dimensions	620 x 145 x 65h mm
Taper	ISO 40

PC50A/R

NEW

TOOL HOLDER SET

Pin fixing.



10 Pcs



Box

Plastic

Dimensions	140 x 105 mm
Taper	ISO 50

PC40A/R

NEW

SET OF 10 CONE HOLDER BUSHINGS

Pin fixing.



10 Pcs



Box

Plastic

Dimensions	140 x 80 mm
Taper	ISO 40

P4ACS

NEW

COUPLE OF SUPPORTS

For tool rolling cabinet.



Steel

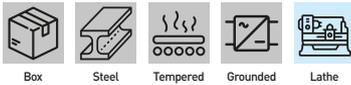




C046-

ROTARY LIVE CENTER

Mainly used in lathes with the aim of stabilizing long and thin pieces, more subject to bending or uncontrolled oscillation caused by the forces generated during machining.

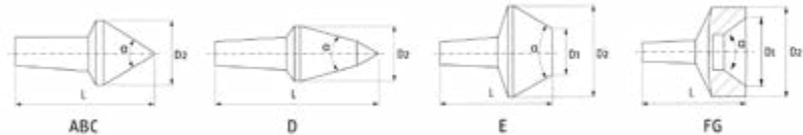
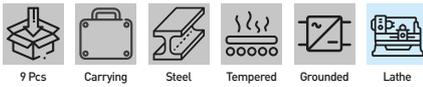


Art.	MT	Center	Body	Length	rpm max	Maximum capacity
C046/2	2	60° - max Ø21mm	Ø 45 mm	152 mm	2500 g/min	50 kg
C046/3	3	60° - max Ø27 mm	Ø 53 mm	180 mm	2500 g/min	75 kg
C046/4	4	60° - max Ø29 mm	Ø 63 mm	218 mm	2000 g/min	150 kg
C046/5	5	60° - max Ø37 mm	Ø 80 mm	276 mm	2000 g/min	200 kg

C050-

PRECISION LIVE CENTER SET

Mainly used in lathes with the aim of stabilizing long and thin pieces, more subject to bending or uncontrolled oscillation caused by the forces generated during machining. Complete with 7 interchangeable inserts and extractor for the inserts.

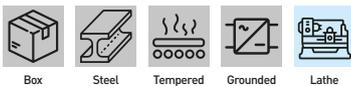


Art.	MT	A	B	C	D	E	F	G
C050/2	2	L2 39 mm - D2-D3 16 mm - α 60° mm	L2 35,5 mm - D2-D3 16 mm - α 75° mm	L2 33 mm - D2-D3 16 mm - α 90° mm	L2 46 mm - D2-D3 16 mm - α 60° mm	L2 40 mm - D2-D3 25 mm / 10 mm - α 60° mm	L2 36 mm - D2-D3 16 mm / 10 mm - α 60° mm	L2 39 mm - D2-D3 20 mm / 16 mm - α 60° mm
C050/3	3	L2 48 mm - D2-D3 20 mm - α 60° mm	L2 43,5 mm - D2-D3 20 mm - α 75° mm	L2 40,5 mm - D2-D3 20 mm - α 90° mm	L2 56 mm - D2-D3 18 mm - α 60° mm	L2 50 mm - D2-D3 35 mm / 15 mm - α 60° mm	L2 42 mm - D2-D3 22 mm / 18 mm - α 60° mm	L2 48 mm - D2-D3 35 mm / 30 mm - α 60° mm
C050/4	4	L2 61,5 mm - D2-D3 28 mm - α 60° mm	L2 55,5 mm - D2-D3 28 mm - α 75° mm	L2 51,5 mm - D2-D3 28 mm - α 90° mm	L2 73 mm - D2-D3 26 mm - α 60° mm	L2 61,5 mm - D2-D3 55 mm / 30 mm - α 60° mm	L2 55 mm - D2-D3 40 mm / 35 mm - α 60° mm	L2 60 mm - D2-D3 55 mm / 48 mm - α 60° mm

C055-

TUBE ROTARY LIVE CENTER

For turning and grinding of pipes and hollow bodies.



Art.	MT	Ø	Length	rpm max	Maximum capacity
C055/3	3	60° - 30 ÷ 100 mm	170 mm	2500 g/min	200 kg
C055/4	4	60° - 40 ÷ 160 mm	230 mm	1600 g/min	350 kg
C055/5	5	60° - 66 ÷ 200 mm	290 mm	1500 g/min	350 kg

C053-

CARBIDE TIPPED DEAD CENTER

Mainly used in lathes with the aim of stabilizing long and thin pieces, more subject to bending or uncontrolled oscillation caused by the forces generated during machining.



Art.	MT	Carbide center max	Length
C053/2	2	60° - max Ø 8 mm	100 mm
C053/3	3	60° - max Ø 11 mm	125 mm
C053/4	4	60° - max Ø 13 mm	160 mm
C053/5	5	60° - max Ø 17 mm	200 mm

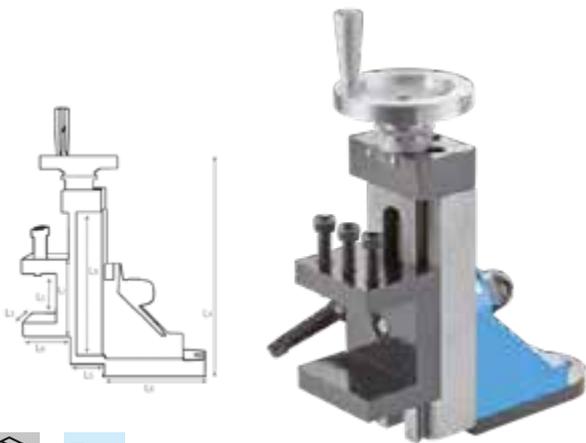
HOW TO CHOOSE YOUR TOOL POST

LATHE CENTERS HEIGHT	TOOL POST TYPE
90 mm	A0
120 mm	A1
140 mm	A
150 - 200 mm	E
200 - 250 mm	B
250 - 350 mm	C

0688

LATHE MILL TABLE UNIVERSAL DEVICE

It allows you to perform a surface machining on the clamped piece with the use of the lathe spindle as a tool holder. Fixing by mechanical adaptation to the machine in which it is to be applied.



L1	52 mm
L2	80 mm
L3	65 mm
L4	220 mm
L5	37 mm
L6	110 mm
L8	46 mm
L9	150 mm

T00x

QUICK CHANGE TOOL POST

With hardened and ground tooling. By acting on an eccentric pin, the tool holder is locked on the tooling of the body. It allows reproducibility of 40 possible angular positions of the tool holder. This accuracy is maintained even after countless tool changes. Consisting of: 1 tool holder turret, 3 flat seat tool holders, 1 prismatic seat tool holder.

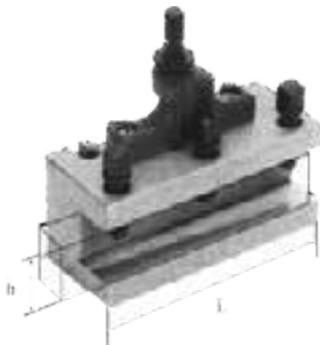


Art.	R max	S max	P	H	X min
T00A	100 mm	54 mm	48 mm	16 mm	30 mm
T00B	150 mm	75 mm	71 mm	25 mm	37 mm
T00C	202 mm	105 mm	102 mm	32 mm	47 mm
T00E	125 mm	68 mm	60 mm	20 mm	35 mm

T00x-D

FLAT TYPE TOOL HOLDERS

Type D equipped with screw for height adjustment and 3 clamping screws.

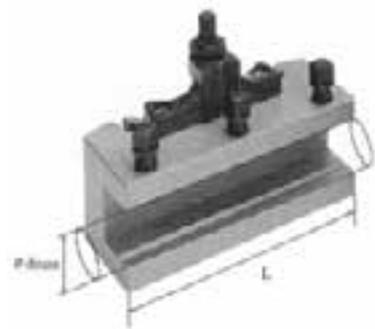


Art.	L	h
T00A/D	80 mm	16 mm
T00B/D	120 mm	25 mm
T00C/D	150 mm	32 mm
T00E/D	100 mm	20 mm

T00x-B

PRISMATIC TYPE TOOL HOLDERS

Type B equipped with screw for height adjustment and 3 clamping screws.



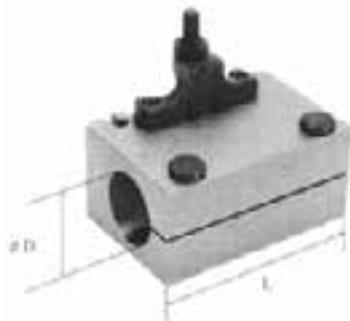
Art.	L	d max
T00A/B	80 mm	20 mm
T00B/B	130 mm	32 mm
T00C/B	160 mm	32 mm
T00E/B	100 mm	30 mm



T00x-S

TOOL HOLDERS FOR SOCKET

Type S, suitable for housing Morse taper bushes cod. C40142, and for the direct housing of turning bars. Equipped with adjustment screw and 2 locking screws.



Art.	L	D
T00A/S	80 mm	30 mm
T00B/S	120 mm	40 mm
T00C/S	150 mm	40 mm
T00E/S	100 mm	30 mm

T0Ax

QUICK CHANGE TOOL POST

For quick tool changes thanks to the lock / unlock lever. Composed of: - 1 tool post - 4 flat type tool holders.



Art.	Length	Width	Working height	Hole	Tool height
T0AA	57 mm	64 mm	56 mm	14,4 mm	14 mm
T0AB	95 mm	85 mm	76 mm	19,9 mm	20 mm
T0AC	100 mm	100 mm	92 mm	22,22 mm	25 mm
T0AE	76,5 mm	76,5 mm	90 mm	16,5 mm	20 mm

T00Ax

QUICK CHANGE TOOL POST

For quick tool changes thanks to the locking / unlocking pin. Composition of the set: - 1 tool holder turret - 3 tool holders with flat seat.

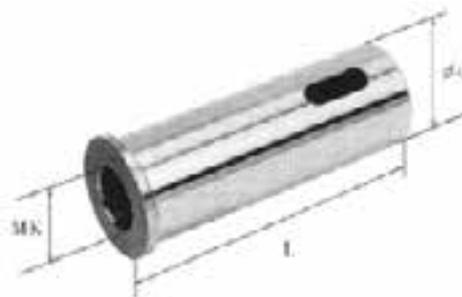


Art.	Length	Width	Height	Hole	Tool height
T00A0	60 mm	50 mm	30 mm	10 mm	12 mm
T00A0L	60 mm	50 mm	40 mm	10 mm	12 mm
T00A1R	68 mm	68 mm	47 mm	10 mm	19 mm

T00x-LC

REDUCTION SLEEVE

For housing tools with MT attachment.



Art.	L	d	MT
T00AE/LCM1	80 mm	30 mm	1
T00AE/LCM2	95 mm	30 mm	2
T00BC/LCM2	105 mm	36 mm	2
T00BC/LCM3	120 mm	40 mm	3
T00BC/L 4	150 mm	40 mm	4

T0Ax-D

FLAT TYPE TOOL HOLDERS

Quick change with flat seat equipped with screw for height adjustment and 4 tightening screws.



Art.	Length	Width	Height	Tool height
T0AA/D	76 mm	25,5 mm	38 mm	14 mm
T0AB/D	108 mm	35 mm	54 mm	20 mm
T0AC/D	125 mm	40 mm	63 mm	25 mm
T0AE/D	89 mm	29 mm	45 mm	20 mm

T00Ax-PP

FLAT TYPE TOOL HOLDERS

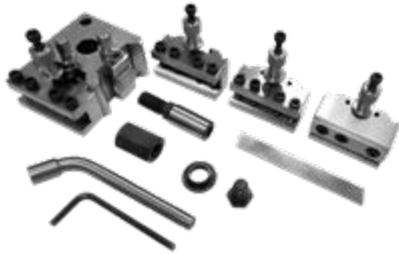
Quick change with flat seat equipped with screw for height adjustment and 2 tightening screws.



Art.	Length	Width	Height	Tool height
T00A0/PP	50 mm	22 mm	24 mm	12 mm
T00A1R/PP	66 mm	27 mm	46 mm	19 mm

T00A1
QUICK CHANGE TOOL POST

For quick tool changes thanks to the locking / unlocking pin. Composition of the set: - 1 tool holder turret - 3 tool holders with flat seat.



Length	57 mm
Width	57 mm
Height	37 mm
Hole	16 mm
Tool height	14 mm

T00A1/PP
FLAT TYPE TOOL HOLDERS

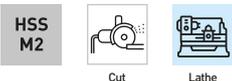
Quick change with flat seat equipped with screw for height adjustment and 4 tightening screws.



Length	58 mm
Width	28,5 mm
Height	25 mm
Tool height	12 mm

T00A1/LR
NEW
BLADE TOOL

For cutting operations. For T00A1/PL blade holder.



Length	101,6 mm
Height	12,7 mm
Thickness	2,38 mm

T00A1/PL
NEW
BLADE TOOL HOLDER

Quick-change. Equipped with height adjustment screw and 3 blade clamping screws.



Length	58 mm
Width	30,5 mm
Height	25 mm
Tool height	13 mm

T00A1/SP
NEW
TOOL HOLDER PRISMATIC SEAT

Quick-change. Equipped with height adjustment screw and 4 clamping screws.



Length	58 mm
Width	28,5 mm
Height	25 mm
Tool height	12 mm





M038

CROSS FEED MOTOR

For X axis, horizontal motor position, table with feed through adjustable potentiometer for displacements and button for rapid movements, moreover the rotation of the motor is both clockwise and anticlockwise.



Round speed	0 ÷ 200 rpm
Torque	5,1 Nm
Motor	230 V 50 Hz 0,1 kW
Net weight	6 kg



P018-

COOLING SYSTEM FOR MACHINES

To allow refrigeration on machines such as lathes, column drills, cutters not equipped with a system.



Art.	Power	Tank capacity	Pump capacity
P018/230V	230V - 50Hz - 40W	10 l	22 l/min
P018/400V	400V - 50Hz - 40W	10 l	22 l/min



T999/3A

LATHE DISPLAY KIT

Equipped with 3-axis display, measuring lines and connection cables.



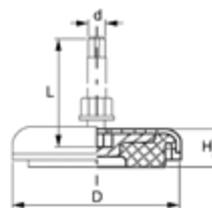
Straight jaws Cross slide 335 mm | Long. turret 235 mm | Long. slide 1170 mm

0715-

ANTI-VIBRATION MOUNTINGS



NBR



Art.	D	d	L	H	Capacity
0715/0080	40 mm	M5	40 mm	15 mm	80 Kg
0715/0400	80 mm	M10	95 mm	25 mm	400 Kg
0715/1100	120 mm	M12	125 mm	33 mm	1100 Kg
0715/2000	160 mm	M16	145 mm	35 mm	2000 Kg

T200

COOLING HOSE

Suitable for liquids and air, resistant to vibrations, internal diameter of 6 mm and connection of 1/4". completely hermetic, constant internal diameter in any position, unalterable to normal chemicals. Composed of: n. 20 segments, n.1 nozzle: hole Ø1,5 mm, n.1 nozzle: hole Ø3 mm, n.1 nozzle: hole Ø7 mm, n.1 fitting: 1/8", n.1 fitting: 1/4" and n.1 plain nozzle.



Total length	330 mm
Hose diameter	6 mm - 1/4"

T201

COOLING HOSE

Suitable for liquids and air, resistant to vibrations, internal diameter of 12 mm and connection of 1/2". Completely hermetic, constant internal diameter in any position, unalterable to normal chemicals. Composed of: n. 12 segments n.1 nozzle - hole: Ø6 mm, n.1 nozzle - hole: Ø9.5 mm, n.1 nozzle - hole: Ø12.5 mm, n.1 fitting 1/2", n.1 fitting 3/8", n.1 plain nozzle.



Total length	320 mm
Hose diameter	12 mm - 1/2"


T202
NEW
ARTICULATED MODULAR HOSE SET FOR REFRIGERANT LIQUIDS

Suitable for liquid and air mounting and unalterable to normal chemical agents, internal diameter of 6 mm and 1/4" connection. Consisting of: 1 hose clamp, 1 Y fitting, 2 fittings: 1/8", n.2 fittings: 1/4", n.1 tap with 1/4" fitting, n.1 tap with hose connection, n.6 nozzles (2pcs 1/16", 2pcs 1/8" and 2pcs 1/4"), 3 spatula nozzles, 2 spatula nozzles with holes, 3 90° nozzles, 1 90° nozzle with holes, 6 pipes l=150 mm consisting of 10 segments the one.


Hose diameter 6 mm - 1/4"

T203
NEW
ARTICULATED MODULAR HOSE SET FOR REFRIGERANT LIQUIDS

Suitable for liquids and air and unalterable to normal chemical agents, internal diameter of 12 mm and 1/2" connection. Composed of: no.1 hose assembly pliers, no.1 Y-connector, no.2 fittings: 1/2", no.2 fittings: 3/8", no.1 tap with hose connection, no.1 tap with 1/2" connection, no.1 1/2" articulated connection, no.6 nozzles (2pcs with Ø6 mm hole, 2pcs with Ø9.5 mm hole and 2pcs with Ø12.5 mm hole), no.3 90° nozzles, no.3 90° nozzles with holes, no.6 pipes l=160 mm composed of 7 segments each.


Hose diameter 12 mm - 1/2"

T338-
CHROMED METAL JOINTED TUBE FOR REFRIGERATING LIQUIDS


Art.	Total length	Thread
T338/500	500 mm	3/8"
T338/600	600 mm	3/8"

S100
BENCH GRINDER SAFETY GUARD WITH LEXAN SCREEN

Dimensions 110 x 120 mm

Tx
LATHE CHUCK SAFETY GUARD STEEL FRAME WITH LEXAN SCREEN

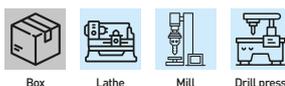

Art.	Dimensions
T400	Ø 400 x 200 mm
T500	Ø 500 x 220 mm
T600	Ø 600 x 280 mm

Mx
UNIVERSAL SUPPORT UNIT FOR LATHE WITH CHUCK SAFETY GUARD WITH MICROSWITCH


Art.	Spindle	Length
M400	ø 30 mm	350 mm
M500	ø 30 mm	400 mm
M600	ø 30 mm	450 mm

P100/250
MACHINE TOOL SAFETY GUARD

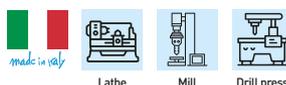
With safety microswitch, adjustable height.



Spindle	400 mm
Shield	150x250 H x L mm

P101-
MACHINE TOOL SAFETY GUARD

Adjustable and tilting height, lexan screen, safety microswitch.



Art.	Spindle	Shield
P101/300	400L mm	150 x 350 H x L mm
P101/350	500L mm	150 x 400 H x L mm
P101/400	600L mm	200 x 500 H x L mm



0531A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Power	24 V 13 W AC/DC
Luminous flux	1800 lm
Color temperature	6500 K
LED number	9
Height	110 mm
Diameter	125 mm
Joints	1



0532A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Power	24 V 13 W AC/DC
Luminous flux	1800 lm
Color temperature	6500 K
LED number	9
Height	890 mm
Diameter	125 mm
Joints	3



0532A/230V

LED LIGHT MACHINE OPERATION LAMP

Articulated, with transformer.



Power	230 V 50 Hz 13 W
Luminous flux	1800 lm
Color temperature	6500 K
LED number	9
Height	900 mm
Diameter	125 mm
Joints	3



0371

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Power	24V 10W
Luminous flux	1200 lm
Color temperature	6500 K
Joint height	110 mm
Diameter	110 mm
Joints	1



0537A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Power	24V 7W
Luminous flux	700 lm
Color temperature	6500 K
LED number	7
Height	100 mm
Diameter	90 mm
Joints	1



0538A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Power	24V 7W
Luminous flux	700 lm
Color temperature	6500 K
LED number	7
Height	650 mm
Diameter	90 mm
Joints	3



0536

MACHINE TOOL OPERATION LAMP

Flexible, with transformer and magnetic base.



Height max	620 mm
With transformer	230 V / 12 V 25 W



0536A

LED LIGHT MACHINE OPERATION LAMP

Flexible, with transformer and magnetic base.



Power	230V / 5W
Height	600 mm
Diameter	60 mm
Joints	1
Intensity	500 lm - 6400 K

