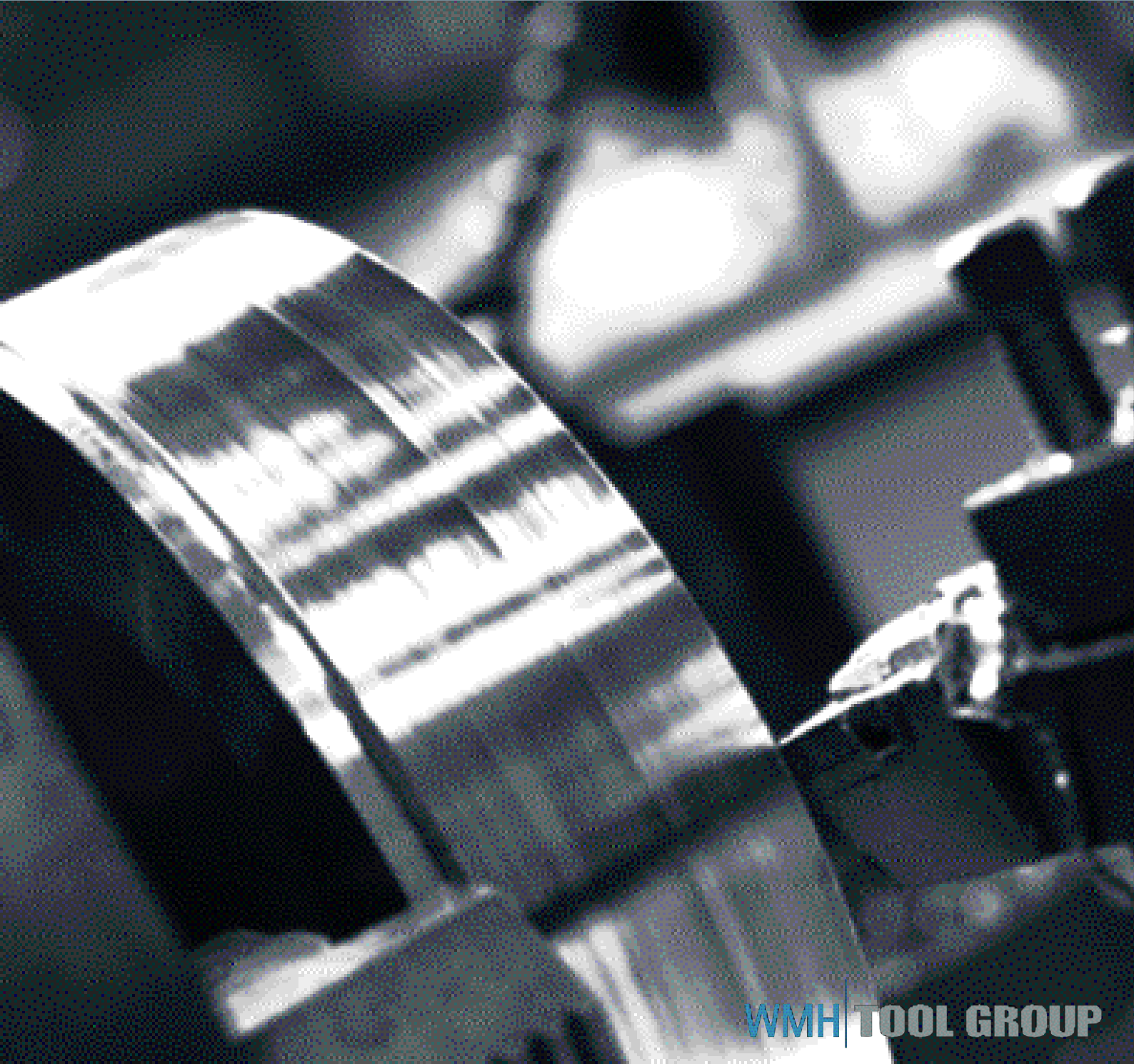




J E T®

METALWORKING 2009/2010



WMH | TOOL GROUP

JET: 50 years of experience – 50 years of high-quality machines

1958 The foundation of JET

The flight with the first Boeing jet aeroplane from Seattle (USA) to Japan with the company's American founder Leslie P. Sussman on board marked at the same time the launch of JET. JET began as a small trading company based in Seattle.

1970 Early in 1970s metalworking and metal processing became its core business.

1980 JET moved into woodworking and wood processing in the early 1980s. It enhanced its range of products to include machines for the transportation of materials and tools.

JET was a pioneer in the import business with Asia – business relations with some of the suppliers concerned were so successful that we are still working together with them to this day.

Up until today

The product range was further enhanced and the distribution network expanded. But one thing hasn't changed at all – the JET brand still stands for high-quality products, practical functionality and above-average performance in its price class, excellent service included. Today 350 JET employees are working throughout the world for your satisfaction. JET machines are sold in more than 50 different countries via selected distributors.

2009 Outlook

We are looking forward to another 50 years with JET – we promise to supply all do-it-yourself experts and professionals alike high-quality and effective machines, excellent work results and lots of fun on the job.

Who is behind the JET brand?

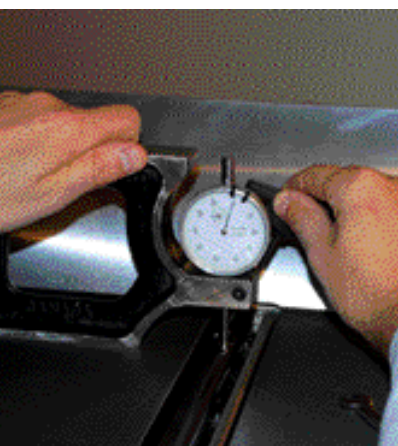
JET is the wood- and metalworking machine brand of WMHTool Group AG.

WMHTool Group is a business unit of the international air conditioning and manufacturing technology group

Walter Meier. Walter Meier was founded in Zurich in 1937 and is today active in more than 70 different countries.

With a workforce numbering 1800, sales of approx. CHF 800 million are generated. The company attaches great importance to overall, customer-specific solutions and comprehensive support. The shares in Walter Meier are listed on the SIX Swiss Exchange.





Quality audits and assurance

- Our quality assurance work occurs on site at the production facility concerned and is carried out via our own quality management system. Our engineers ensure that the stipulated quality criteria are observed in accordance with standardised acceptance inspection and audit protocols. As such, only machines complying with our high quality requirements leave the production facility.
- All our machines have CE conformity certificates. In this way, you can be sure of working with a machine complying with EU guidelines on safety and health requirements.
- We only use materials which are environmentally compatible.



Our after-sales service in operation for you

- All our machines have been CE conformity inspected. Our JET distributors and our after-sales team are pleased to provide help with any technical questions you may have – please contact your local distributor or get in touch with our after-sales department: on tel. no.: +41 44 806 4748 or via e-mail at: service@wmhtoolgroup.ch.



Large storage capacities – fast delivery

- In order to ensure that the delivery distances are short and you are supplied with the machine of your choice quickly, we run a central European warehouse measuring some 4,500 square metres for machines, accessories and spare parts in Gottmadingen (Germany) and one measuring some 2,500 square metres in Futian (China). Here we store in excess of 13,000 different items comprising machines, spare parts and accessories.



Worldwide and yet in your vicinity – our JET distributors

- JET machines are distributed via specialist stockists throughout the world. As such, a comprehensive after-sales service is guaranteed.
- JET distributors offer you in-depth advice and an individual service – worldwide. Consult pages 82–83 in the directory to find your local distributor.



Metalworking



Sawing

Circular saws and band saws from JET in different sizes and various cut dimensions – Easy to use, precise fine adjustment and exact manual to semi-automatic work due to robust add-ons – Proven, high-quality guide systems guarantee clean, precise and low-vibration cuts – Flexibility and mobility due to integral transport rollers and handles – High level of operating safety – Unbeatable value for money – Accessories supplied as standard or available as extras

6



Drilling and Milling

Radial and box column drills and milling machines from JET in different sizes and various dimensions – Solidly built column constructions, cast-iron work tables, sub-units and base plates with T-grooves for the precise mounting of mechanical vices – Precise and efficient work via axis feeds and digital 3-axis position displays – Smooth-running, high-performance drive engines with a number of speed options – Easy and quick to adjust – Extra-large cross tables and vertically adjustable/pivoting milling heads for working at various angles – High-precision, quick-release chucks, spindle intake with quick-change tool system for fast and precise set-up – Unbeatable value for money – Accessories supplied as standard or available as extras

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Turning

Lathes from JET with various swing diameters and center distances – The solid cast-iron constructions guarantee high-level stability and vibration-free work – Precise and efficient work via digital speed displays and 3-axis digital readouts – Spindle jog button, clockwise and anti-clockwise rotation, automatic longitudinal and cross feeds, easy and convenient operation via joy-stick with rapid feed button – Transmission permits cutting of a large number of threads without quadrant gears having to be changed – High-performance drives, permanently oil bath-lubricated main, feed and apron transmissions with a large number of easily selectable speeds – Quick-release systems permit the simple and precise mounting of the tool holders – High level of operating safety and unbeatable value for money – Accessories supplied as standard or available as extras

40



Grinding

Belt- and bench grinders from JET suitable for all kinds of metal grinding applications – Robust and solid construction, proven, high-performance drives and optimum speeds guarantee clean and precise work results – Simple machine operation, precise fine adjustment and high-level operating safety – A wide range of user options and unbeatable value for money – Accessories supplied as standard or available as extras

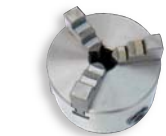
58



Sheet metalworking

Cutting, folding, bending, deburring, beading, flattening, twisting and notching – A JET solution for every application – Clockwise and anti-clockwise operation, counterbalances, quick-release facilities, clamping stops and precise measurement scales guarantee simple, smooth and efficient operation – Ideal for various materials, industrial, training and handicraft work – Wide range of options for the user and unbeatable value for money – Accessories supplied as standard or available as extras

66



Accessories

Roller tables or stands, scissors elevating platforms and pallet trucks can be used in a wide range of applications directly or indirectly in combination with all JET metalworking machines

76



Services

Distributors worldwide – Catalogue order

81

Sawing

Circular saws and band saws from JET in different sizes and various cut dimensions – Easy to use, precise fine adjustment and exact manual to semi-automatic work due to robust add-ons – Proven, high-quality guide systems guarantee clean, precise and low-vibration cuts – Flexibility and mobility due to integral transport rollers and handles – High level of operating safety – Unbeatable value for money – Accessories supplied as standard or available as extras

Overview Sawing

	MCS-225 – Miter cold saw, Ø 65 x 80 mm	8
	MCS-275 / MCS-315 – Miter cold saws, Ø 80 x 100 mm / Ø 100 x 120 mm	9
	HVBS-34VS – Metal band saw, Ø 85 x 100 mm	10
	HVBS-56M – Metal band saw, Ø 125 x 150 mm	11
	HVBS-712K – Metal band saw, Ø 180 x 300 mm	12
	HVBS-812RK – Metal band saw, Ø 200 x 180 mm	13
	HBS-916W / HBS-1018W – Metal band saws, Ø 225 x 355 mm / Ø 250 x 450 mm	14
	HBS-1321VS – Semi automatic metal band saw, Ø 330 x 530 mm	15
	MBS-56CS – Metal band saw, Ø 125 x 125 mm	16
	MBS-708CS – Metal band saw, Ø 180 x 200 mm	17
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MCS-225 – Miter cold saw

Sawing

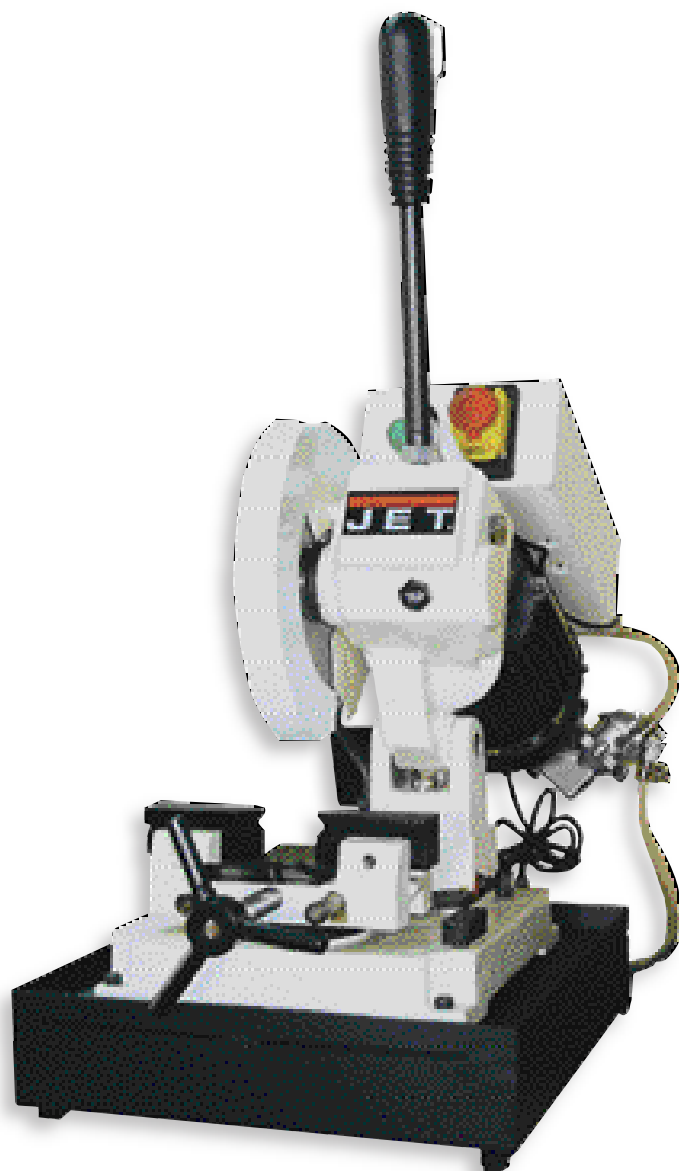
- Hardened and ground worm gear drive for extended life
- Double self centering vise
- Adjustable material stop for serial production
- Thermal motor overload protection
- Removable coolant tray for easy cleaning

Included in delivery

- Adjustable material stop
- Complete coolant system
- (Sawblade not included)

Stock number	50000200M
Power	1300 W / 230V
Cutting capacity 90° tubing (solid)	Ø 65 / 50 x 80 (Ø 30) mm
Cutting capacity 45° tubing	Ø 60 / 50 x 60 mm
Sawblade diameter	225 mm
Blade speed	52 rpm
Weight	58 kg

Details see page: 23



Control handle with trigger switch to start and stop the machine



Cuts from 0-45° left, with adjustable stops

Accessories

- 50000201 HSS saw blade Ø 225 x 2 x Ø 32 – Z160

Details see page: 22

MCS-275/MCS-315 – Miter cold saws

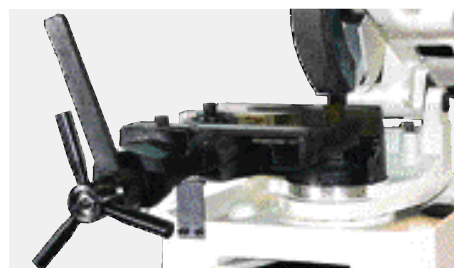
- Hardened and ground worm gear drive for extended life
- Head rotates 0-45° right to left
- Adjustable material stop for serial production
- Control handle with trigger switch to start and stop the machine
- Removable coolant tray for easy cleaning

Included in delivery

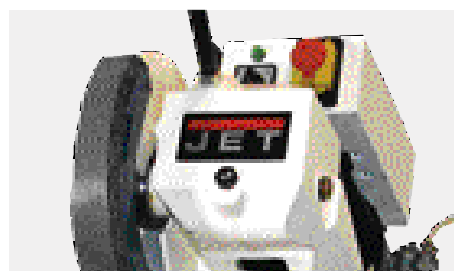
- Adjustable material stop
- Complete coolant system
- (Sawblade not included)

Stock number (230V)	50000210M	–
Stock number (400V)	50000210T	50000220T
Model	MCS-275	MCS-315
Power	1600 W	2950 W
Cutting capacity 90° tubing (solid)	Ø 80/50 x 100 (Ø 40) mm	Ø 100/70 x 120 (Ø 80) mm
Cutting capacity 45° tubing	Ø 65/50 x 70 mm	Ø 65/50 x 70 mm
Sawblade diameter	275 mm	315 mm
Blade speed (230V)	42 rpm	–
Blade speed (400V)	42/84 rpm	42/84 rpm
Weight	90 kg	120 kg

Details see page: 23



Quick-clamping vise for quick and safe workpiece clamping



2 cutting speeds (400V version only)

Accessories

- **50000211** HSS saw blade Ø 250 x 2,0 x Ø 32 – Z160 (solid, MCS-275)
- **50000212** HSS saw blade Ø 275 x 2,0 x Ø 32 – Z200 (for solid, MCS-275)
- **50000221** HSS saw blade Ø 315 x 2,5 x Ø 32 – Z160 (solid, MCS-315)
- **50000222** HSS saw blade Ø 315 x 2,5 x Ø 32 – Z240 (for solid, MCS-315)
- **50000215** Closed stand for MCS-275
- **50000225** Closed stand for MCS-315

Machine shown with accessories

Details see page: 22

HVBS-34VS – Metal band saw

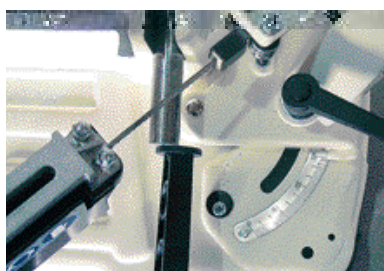
- Stable construction for heavy-duty conditions
- Optimum working results with most different materials due to infinitely variable speeds
- Adjustable material stop for serial production
- Digital motor electronics keeps cutting speed constant
- Rubber feet provide safe, non-skid stability

Included in delivery

- Bi-metal saw blade 10/12TPI
- Adjustable material stop
- Variable speed control

Stock number	50000310M
Power	850W/230V
Cutting capacity 90°	Ø 85/□ 85 / 75 x 100 mm
Cutting capacity 45°	Ø 65/□ 65
Blade speeds	30 – 80 m/min.
Swivelling range	Saw arm 0 – 45°
Weight	15 kg

Details see page: 23



45°-cut can be adjusted easily



Easy to carry

Accessories

- 708597 Closed stand with mobile base and tool rest
- 50000311 Bi-metal saw blade 8/12TPI for steel/stainless up to 45 HRC
- 50000312 Bi-metal saw blade 18TPI for chromium steel

Details see page: 22

HVBS-56M – Metal band saw

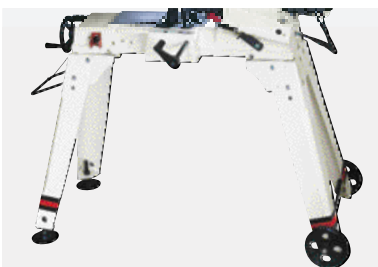
- Hardened and ground worm gear drive for extended life
- Three blade speeds to cut a variety of different materials
- Automatic power shut-off after cut
- Adjustable material stop for serial production
- Low vibration guarantees a precise cut

Included in delivery

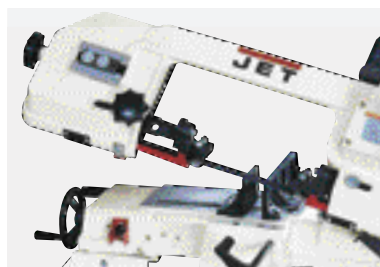
- Bi-metal saw blade 10/12 TPI
- Adjustable material stop
- Stand with casters

Stock number	414458M
Power	650 W/230V
Cutting capacity 90°	Ø 125 / □ 125 / 125 x 150 mm
Cutting capacity 45°	Ø 95 / □ 75
Blade speeds	20 / 30 / 50 m/min.
Swivelling range	Vise 0–45°
Weight	50 kg

Details see page: 23



Large transport wheels and built-in handle for easy transport



Fully adjustable ball bearing blade guides

Accessories

- C123.013 Bi-metal saw blade 8/12 TPI

Details see page: 22

HVBS-712K – Metal band saw

- Automatic power shut-off after cut
- Blade guides feature parallel double row ball bearing support
- Roller cabinet with built in chip tray
- 4 blade speeds allows cutting of different materials
- Brass brush wheel for saw blade cleaning

Included in delivery

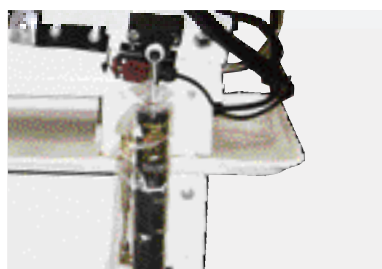
- Bi-metal saw blade 5/8TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Closed stand with casters
- Complete coolant system
- Chip brush

Stock number (230V)	414459M
Stock number (400V)	414459T
Power (230V)	950W
Power (400V)	1400W
Cutting capacity 90°	Ø 180 / □ 180 / 65 x 300 mm
Cutting capacity 45°	Ø 110 / 180 x 110 mm
Blade speeds	20 / 32 / 45 / 72 m/min.
Swivelling range	Vise 0–45°
Weight	145 kg

Details see page: 23



Complete coolant system



Fully adjustable hydraulic downfeed with separate on/off valve

Accessories

- 50000313 Bi-metal saw blade 6/10TPI

Details see page: 22

HVBS-812RK – Metal band saw

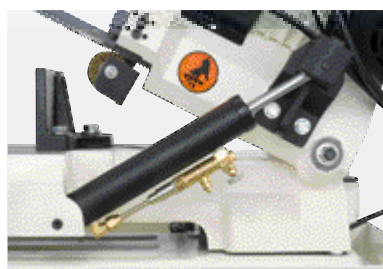
- Blade guides feature parallel double raw ball bearing support
- Quick-positioning vise with fully adjustable jaws swivels to 45°
- Powerful motor suitable for continuous operation
- 4 blade speeds allows cutting of different materials
- Brass brush wheel for saw blade cleaning

Included in delivery

- Bi-metal saw blade 5/8 TPI
- Adjustable material stop
- Automatic shut-off after cut
- Adjustable material stop for serial production
- Complete coolant system
- Quick-clamping vise

Stock number (230V)	50000301M
Stock number (400V)	50000301T
Power (230V)	1250 W
Power (400V)	1400 W
Cutting capacity 90°	Ø 200 / □ 180 / 305 x 180 mm
Cutting capacity 45°	Ø 125 / □ 120 mm
Blade speeds	25 / 40 / 60 / 80 m/min.
Swivelling range	Vise 0–45°
Weight	160 kg

Details see page: 23



Fully adjustable hydraulic downfeed



Complete coolant system

Accessories

- C123.220.2362 Bi-metal saw blade 8/12TPI

Details see page: 22

HBS-916W / HBS-1018W – Metal band saws

Sawing

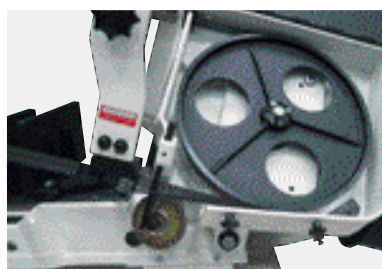
- Fully-hydraulic down feed system
- 4 Blade speeds allows cutting of different materials
- Automatic power shut-off after cut
- Machine stand with integrated coolant system standard
- Quick-positioning vise with fully adjustable jaws swivels to 45°

Included in delivery

- Bi-metal saw blade 4/6TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Wheel and belt covers controlled by limit switch

Stock number	414468T	414473T
Model	HBS-916W	HBS-1018W
Power	2050 W/400V	2750 W/400V
Cutting capacity 90°	Ø 225/225 x 355 mm	Ø 250/250 x 415 mm 200 x 450 mm
Cutting capacity 45°	Ø 180/180 x 155 mm	Ø 190/250 x 190 mm
Blade speeds	25/40/52/72 m/min.	25/40/50/70 m/min.
Swivelling range	Vise 0–45°	Vise 0–45°
Weight	285 kg	355 kg

Details see page: 23



Brass brush wheel for saw blade cleaning



Central control unit

Accessories

- 50000315 Bi-metal saw blade 4/6TPI (HBS-916W)
- C123.227.3300 Bi-metal saw blade 4/6TPI (HBS-1018W)

Details see page: 22

HBS-1321VS – Semi automatic metal band saw

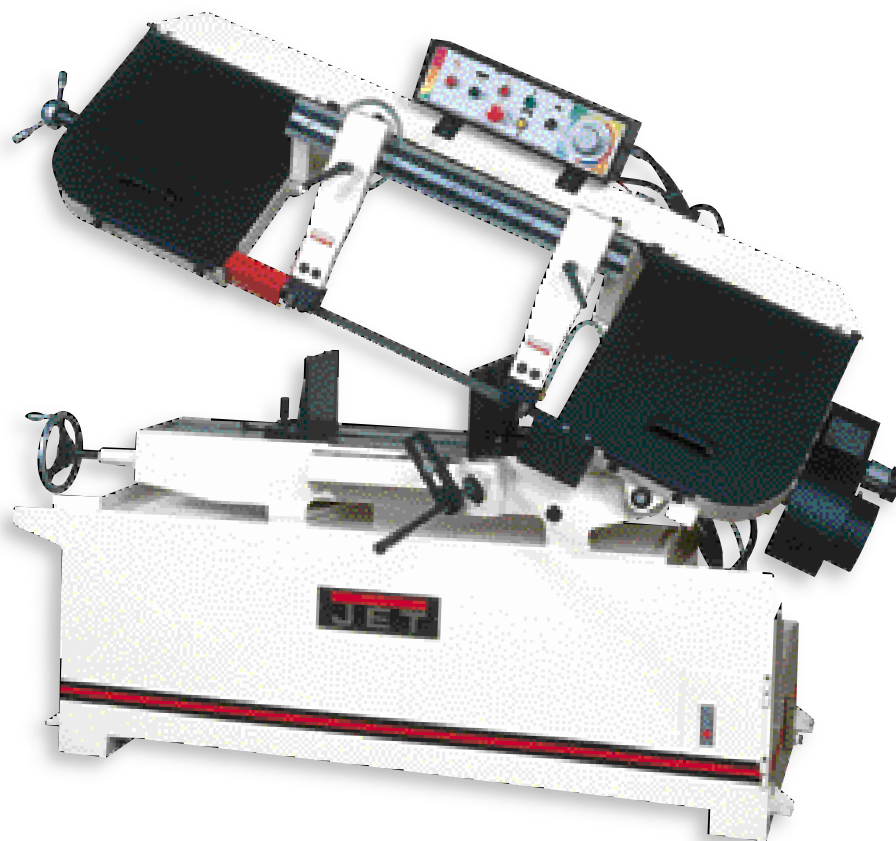
- Variable blade speed allows optimum cutting performance
- Fully-hydraulic down feed system for automatic continuous lowering of the saw
- Automatic bow raising after end of cut to predetermined height
- Machine stand with integrated coolant system standard
- Quick-positioning vise with fully adjustable jaws swivels to 45°

Included in delivery

- Bi-metal saw blade 4/6 TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Wheel covers controlled by limit switch
- Line laser for cutting line
- Coolant shower
- Safety switch shuts off motor if band breaks

Stock number	414471T
Power	4150 W/400V
Cutting capacity 90°	Ø 330 / 330 x 480 / 225 x 530 mm
Cutting capacity 45°	Ø 330 / 330 x 395 mm
Blade speeds	20–80 m/min.
Swivelling range	Vise 0–45°
Weight	600 kg

Details see page: 23



Convenient control panel



Automatic bow rising after end of cut

Accessories

- 5000314 Bi-metal saw blade 3/4TPI

Details see page: 22

MBS-56CS – Metal band saw

Sawing

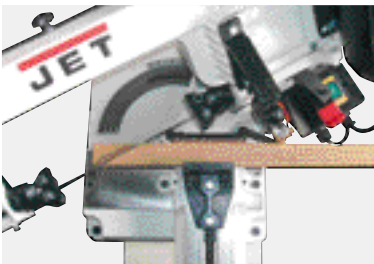
- Fully-hydraulic down feed system for automatic continuous lowering of the saw
- 3 Blade speeds allows cutting of different materials
- Automatic power shut-off after cut
- Adjustable material stop for serial production
- Saw arm swivels -45° right and +60° left

Included in delivery

- Bi-metal saw blade 10/12TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Cabinet stand with chip tray and mobile base

Stock number	50000320M
Power	650W/230V
Cutting capacity 90°	Ø 125/□ 125 / 150 x 125 mm
Cutting capacity 45°	Ø 95/□ 75 mm
Blade speeds	20/30/50 m/min.
Swivelling range	Saw arm -45°/0°/60°
Weight	80 kg

Details see page: 23



Vise can be mounted on both sides



Saw arm swivels right and left

Accessories

- C123.013 Bi-metal saw blade 8/12TPI

Details see page: 22

MBS-708CS – Metal band saw

- 2 blade speeds via 2-step motor
- Automatic power shut-off after cut
- Safety switch shuts off motor if band breaks
- Machine stand with integrated coolant system standard
- Saw arm swivels 60°, featuring space-saving and convenient mitre cutting

Included in delivery

- Bi-metal saw blade 5/8 TPI
- Adjustable end stop with scale
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Hydraulic blade tension scale
- Safety switch shuts off motor if band breaks

Stock number	50000331T
Power	1400 W / 400V
Cutting capacity 90°	Ø 180 / □ 180 / 150 x 200 mm
Cutting capacity 45°	Ø 115 / □ 110 mm
Blade speeds	40 / 80 m/min.
Swivelling range	Saw arm 0 – 60°
Weight	180 kg

Details see page: 23



Hydraulic blade tension scale and blade breakage detection



Fully-hydraulic down feed system

Accessories

- C123.220.2110 Bi-metal saw blade 6/10 TPI
- Details see page: 22

MBS-910CS – Metal band saw

Sawing

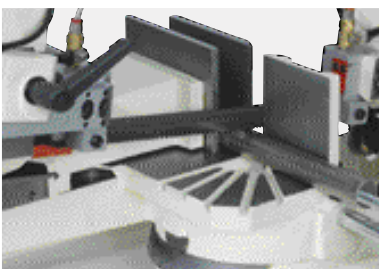
- Fully-hydraulic down feed system for automatic continuous lowering of the saw arm
- Ceramical blade guides
- Machine stand with integrated coolant system
- Adjustable material stop for serial production
- Saw arm swivels 60°, featuring space-saving and convenient mitre cutting

Included in delivery

- Bi-metal saw blade 5/8TPI
- Adjustable end stop with scale
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Hydraulic blade tension scale
- Safety switch shuts off motor if band breaks

Stock number	50000341T
Power	2050 W / 400V
Cutting capacity 90°	Ø 225 / □ 200 / 240 x 160 mm
Cutting capacity 45°	Ø 160 / □ 140 / 155 x 115 mm
Blade speeds	35 / 70 m/min.
Swivelling range	Saw arm 0–60°
Weight	220 kg

Details see page: 23



High cutting capacity, quick mitre change



2 blade speeds via 2-step motor

Accessories

- C123.227.2455 Bi-metal saw blade 6/10TPI

Details see page: 22

MBS-1014W – Metal band saw

- Miter head swivels from 90° to 45°, while the stock remains in the same position
- Fully-hydraulic down feed system for automatic continuous lowering of the saw
- Automatic power shut-off after cut
- 4 Blade speeds allows cutting of different materials
- Machine stand with integrated coolant system standard

Included in delivery

- Bi-metal saw blade 4/6 TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Wheel and belt covers controlled by limit switch

Stock number	414477T
Power	2800 W / 400V
Cutting capacity 90°	Ø 250 / □ 250 x 350 mm
Cutting capacity 45°	Ø 225 / 250 x 225 mm
Blade speeds	25 / 40 / 50 / 70 m/min.
Swivelling range	Saw arm 0 – 45°
Weight	485 kg

Details see page: 23



Easy access chip tray for quick clean-up



Adjustable material stop for serial production

Accessories

- C123.227.3300 Bi-metal saw blade 4/6TPI

Details see page: 22

MBS-1321VS – Semi automatic metal band saw

- Miter head swivels from 90° to 45°, while the stock remains in the same position
- Fully-hydraulic down feed system for automatic continuous lowering of the saw
- Automatic bow raising after end of cut to predetermined height
- Variable blade speed allows optimum cutting performance
- Machine stand with integrated coolant system standard

Included in delivery

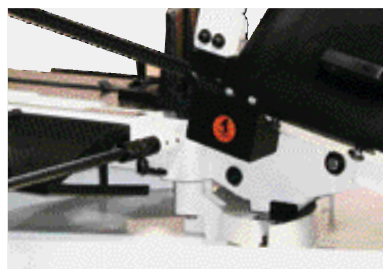
- Bi-metal saw blade 4/6TPI
- Adjustable material stop
- Fully-hydraulic down feed system
- Closed stand with coolant system
- Quick-clamping vise
- Wheel covers controlled by limit switch
- Line laser for cutting line
- Coolant shower
- Safety switch shuts off motor if band breaks

Stock number	50000440T
Power	4150W/400V
Cutting capacity 90°	Ø 330 / 330 x 480 / 225 x 530 mm
Cutting capacity 45°	Ø 275 / 300 x 275 mm
Blade speeds	20-80 m/min.
Swivelling range	Saw arm 0–45°
Weight	750 kg

Details see page: 23



Convenient control panel



Miter head swivels from 90° to 45°, while the stock remains in the same position

VBS-18MW – Wood metal band saw

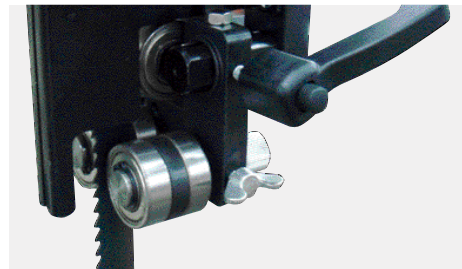
- 2 speed gear box allows 6 ideal cutting speeds for wood and metal
- 2 chip trays allow the separate collection of metal cutting chips
- Adjustable 5-point ball bearing guides
- Precise and simple adjustment of the cutting height or upper blade guide using large-size handwheels and a rack system
- Balanced cast iron wheels with curved, long-life PU tire

Included in delivery

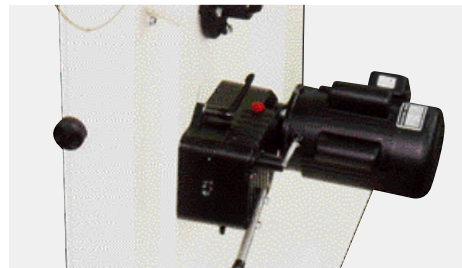
- On/off switch with no voltage release
- Adjustable mitre gauge $\pm 60^\circ$
- Precision fence
- Band saw blade, 20 mm for wood and metal with 8TPI pitch
- 2 chip trays
- 100 mm dust port
- 100 mm machine vise

Stock number	414418M	414418T
Power	2200W/230V	2800W/400V
Band saw blade	3–30 mm	3–30 mm
Max. cutting depth/height	300 mm	300 mm
Max. length/width of cut	460 mm	460 mm
Mitre capacity	-10° – 45°	-10° – 45°
Weight	210 kg	210 kg

Details see page: 23



Adjustable 5 point ball bearing blade guides



2 step gear box

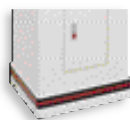
Accessories

- **708118** Mobile base up to 250 kg
460 x 460 mm – 610 x 610 mm
- **10000191** 8TPI – Band saw blade for wood and metal
(20 x 0,8 x 3480 mm)

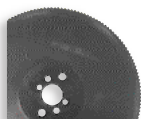
Band saw blades see page 22

Accessories

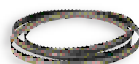
Sawing



- 708597** Closed stand with mobile base and tool rest
Details see page: 10
- 50000215** Closed stand for MCS-275
- 50000225** Closed stand for MCS-315
Details see page: 9



- 50000201** HSS saw blade Ø 225 x 2 x Ø 32 – Z160
Details see page: 8
- 50000211** HSS saw blade Ø 250 x 2,0 x Ø 32 – Z160 (for solid, MCS-275)
- 50000212** HSS saw blade Ø 275 x 2,0 x Ø 32 – Z200 (for tubing, MCS-275)
- 50000221** HSS saw blade Ø 315 x 2,5 x Ø 32 – Z160 (for solid, MCS-315)
- 50000222** HSS saw blade Ø 315 x 2,5 x Ø 32 – Z240 (for tubing, MCS-315)



- 50000311** Bi-metal saw blade 8/12TPI for steel/stainless up to 45 HRC
Details see page: 10
- 50000312** Bi-metal saw blade 18TPI for chromium steel
Details see page: 10
- C123.013** Bi-metal band saw blades 8/12TPI
Details see page: 11, 16
- 50000313** Bi-metal band saw blades 6/10TPI
Details see page: 12
- C123.220.2362** Bi-metal band saw blades 8/12TPI
Details see page: 13
- 50000315** Bi-metal band saw blades 4/6TPI
Details see page: 14
- C123.227.3300** Bi-metal band saw blades 4/6TPI
Details see page: 14, 19
- 50000314** Bi-metal band saw blades 3/4TPI
Details see page: 15
- C123.220.2110** Bi-metal band saw blades 6/10TPI
Details see page: 17
- C123.227.2455** Bi-metal band saw blades 6/10TPI
Details see page: 18



Band saw blades for wood (Blade thickness: 0,7 mm) for VBS-18MW

- 10000181** 3 mm
- 10000182** 6 mm
- 10000183** 10 mm
- 10000185** 16 mm
- 10000186** 20 mm
- 10000187** 25 mm
- 10000188** 30 mm

Band saw blade for wood and metal (Blade thickness: 0,8 mm) for VBS-18MW

- 10000191** 20 mm, 8TPI
Details see page: 21

Technical details



Stock number (230V)	50000200M	50000210M	–	50000310M	414458M	414459M	50000301M
Stock number (400V)	–	50000210T	50000220T	–	–	414459T	50000301T
Model	MCS-225	MCS-275	MCS-315	HVBS-34VS	HVBS-56M	HVBS-712K	HVBS-812RK
Motor power input (230V)	1300 W / S ₆ 40%	1600 W / S ₆ 40%	–	850 W / S ₆ 40%	650 W / S ₆ 40%	950 W / S ₆ 40%	1250 W / S ₆ 40%
Motor power output (230V)	745 W / S ₁ 100%	950 W / S ₁ 100%	–	400 W / S ₁ 100%	370 W / S ₁ 100%	550 W / S ₁ 100%	745 W / S ₁ 100%
Motor power input (400V)	–	1600 W / S ₆ 40%	2950 W / S ₆ 40%	–	–	1400 W / S ₆ 40%	1400 W / S ₆ 40%
Motor power output (400V)	–	950 W / S ₁ 100%	1700 W / S ₁ 100%	–	–	745 W / S ₁ 100%	745 W / S ₁ 100%
Cutting capacity tubing 90°	Ø 65 mm 50 x 80 mm	Ø 80 mm 50 x 100 mm	Ø 100 mm 70 x 120 mm	Ø 85 mm □ 85 mm □ 100 x 75 mm	Ø 125 mm □ 125 mm □ 150 x 125 mm	Ø 180 mm □ 180 x 180 mm □ 65 x 300 mm	Ø 200 mm □ 180 mm □ 305 x 180 mm
Cutting capacity tubing 45°	Ø 60 mm □ 50 x 60 mm	Ø 65 mm □ 50 x 70 mm	Ø 90 mm □ 70 x 85 mm	Ø 65 mm □ 65 mm	Ø 95 mm □ 75 mm	Ø 110 mm □ 180 mm x 110 mm	Ø 125 mm □ 120 mm
Cutting capacity solid	Ø 30 mm	Ø 40 mm	Ø 80 mm	Ø 50 mm	Ø 50 mm	Ø 100 mm	Ø 100 mm
Saw blade	Ø 225 / 32 mm	Ø 275 / 32 mm	Ø 315 / 32 mm	–	–	–	–
Saw blade dimensions	–	–	–	13 x 0,65 x 1325 mm	13 x 0,6 x 1640 mm	20 x 0,9 x 2362 mm	20 x 0,9 x 2362 mm
Blade speed (230V)	52 rpm	42 rpm	–	–	–	–	–
Blade speed (400V)	–	42 / 84 rpm	42 / 84 rpm	–	–	–	–
Blade speeds	–	–	–	variabel von 30–80 m/min.	20/30/50 m/min.	20, 32, 45, 72 m/min.	25, 40, 60, 80 m/min.
Saw arm adjustment	0–45°	+/-45°	+/-45°	0–45°	–	–	–
Vise adjustment	–	–	–	–	0–45°	0–45°	0–45°
Diameter of blade wheels	–	–	–	160 mm	187 mm	300 mm	290 mm
Coolant system	2,5 Liter	2,5 Liter	2,5 Liter	–	–	8 Liter	8 Liter
Coolant pump	–	–	–	–	–	100 W / S ₁ 100%	100 W / S ₁ 100%
Dimensions (LxWxH)	620 x 380 x 750 mm	900 x 550 x 800 mm	1000 x 700 x 1100 mm	680 x 340 x 520 mm	1100 x 500 x 1450 mm	1260 x 520 x 970 mm	1250 x 440 x 1100 mm
Weight	58 kg	90 kg	120 kg	15 kg	50 kg	145 kg	160 kg
Page	8	9	9	10	11	12	13



Stock number (230V)	–	–	–	50000320M	–	–	–	–	414418M
Stock number (400V)	414468T	414473T	414471T	–	50000331T	50000341T	414477T	50000440T	414418T
Model	HBS-916W	HBS-1018W	HBS-1321VS	MBS-56CS	MBS-708CS	MBS-910CS	MBS-1014W	MBS-1321VS	VBS-18MW
Motor power input (230V)	–	–	–	650 W / S ₆ 40%	–	–	–	–	2200 W / S ₆ 40%
Motor power output (230V)	–	–	–	350 W / S ₁ 100%	–	–	–	–	1300 W / S ₁ 100%
Motor power input (400V)	2050 W / S ₆ 40%	2800 W / S ₆ 40%	4150 W / S ₆ 40%	–	1400 W / S ₆ 40%	2050 W / S ₆ 40%	2800 W / S ₆ 40%	4150 W / S ₆ 40%	2800 W / S ₆ 40%
Motor power output (400V)	1100 W / S ₁ 100%	1450 W / S ₁ 100%	2200 W / S ₁ 100%	–	745 W / S ₁ 100%	1100 W / S ₁ 100%	1450 W / S ₁ 100%	2200 W / S ₁ 100%	1450 W / S ₁ 100%
Cutting capacity 90°	Ø 225 mm □ 225 x 355 mm	Ø 250 mm □ 250 x 415 mm □ 200 x 450 mm	Ø 330 mm □ 330 x 480 mm □ 225 x 530 mm	Ø 125 mm □ 125 mm □ 150 x 125 mm	Ø 180 mm □ 180 mm □ 150 x 200 mm	Ø 225 mm □ 200 mm □ 240 x 160 mm	Ø 250 mm □ 250 x 350 mm	Ø 330 mm □ 330 x 480 mm □ 225 x 530 mm	–
Cutting capacity 45°	Ø 180 mm □ 180 x 155 mm	Ø 190 mm □ 250 x 190 mm	Ø 330 mm □ 330 x 395 mm	Ø 95 mm □ 75 mm	Ø 115 mm □ 110 mm	Ø 160 mm □ 140 mm □ 155 x 115 mm	Ø 225 mm □ 250 x 225 mm	Ø 330 mm □ 330 x 395 mm	–
Cutting capacity 60°	–	–	–	Ø 44 mm □ 44 mm	Ø 70 mm □ 70 mm	Ø 90 mm □ 90 mm	–	–	–
Saw blade dimensions	27 x 0,9 x 3035 mm	27 x 0,9 x 3300 mm	34 x 1,1 x 4100 mm	13 x 0,6 x 1640 mm	20 x 0,9 x 2085 mm	27 x 0,9 x 2455 mm	27 x 0,9 x 3300 mm	34 x 1,1 x 4100 mm	(3–30) x 3480 mm
Blade speeds	25 / 40 / 52 / 72 m/min.	25 / 40 / 50 / 70 m/min.	20–80 m/min.	20 / 30 / 50 m/min.	40 / 80 m/min.	35 / 70 m/min.	25 / 40 / 50 / 70 m/min.	20–80 m/min.	(6 x) 20–820 m/min.
Vise adjustment	0–45°	0–45°	0–45°	–	–	–	–	0–45°	–
Saw arm adjustment	–	–	–	-45° / 0° / +60°	0° / +60°	0° / +60°	0° / +45°	0° +45°	table -10°–45°
Diameter of blade wheels	330 mm	355 mm	458 mm	187 mm	260 mm	295 mm	355 mm	458 mm	470 mm
Coolant system	16 Liter	23 Liter	23 Liter	–	8 Liter	8 Liter	27 Liter	23 Liter	–
Bed height	635 mm	635 mm	812 mm	755 mm	910 mm	980 mm	635 mm	812 mm	–
Dimensions (LxWxH)	1650 x 710 x 1060 mm	1780 x 790 x 1120 mm	2130 x 825 x 1100 mm	1050 x 560 x 1500 mm	1400 x 1000 x 1750 mm	1500 x 1100 x 1750 mm	1750 x 660 x 1100 mm	2130 x 825 x 1100 mm	970 x 1070 x 1900 mm
Weight	285 kg	355 kg	600 kg	80 kg	180 kg	220 kg	485 kg	600 kg	210 kg
Page	14	14	15	16	17	18	19	20	21



Drilling and Milling

Radial and box column drills and milling machines from JET in different sizes and various dimensions – Solidly built column constructions, cast-iron work tables, sub-units and base plates with T-grooves for the precise mounting of mechanical vices – Precise and efficient work via axis feeds and digital 3-axis position displays – Smooth-running, high-performance drive engines with a number of speed options – Easy and quick to adjust – Extra-large cross tables and vertically adjustable/pivoting milling heads for working at various angles – High-precision, quick-release chucks, spindle intake with quick-change tool system for fast and precise set-up – Unbeatable value for money – Accessories supplied as standard or available as extras

Overview Drilling and Milling

	JDP-10 / JDP-13 – Drill presses, Ø 16 / 127 mm, Ø 20 / 165 mm	26
	JDP-15 / JDP-17F – Drill presses, Ø 22 / 190 mm, Ø 25 / 215 mm	27
	JDP-2800VS – Drill press, Ø 16 / 225 mm	28
	JDP-22VS – Variable speed drill press, Ø 25 / 280 mm	29
	GHD-22 / GHD-27 / GHD-27PF – Gear head drill press, Ø 30 / 284 mm, Ø 32 / 350 mm, Ø 32 / 350 mm	30
	JMD-1 – Milling / drilling center, Ø 20 / 210 mm	31
	JMD-2 – Milling / drilling center, Ø 30 / 320 mm	32
	JMD-3 – Milling / drilling center, Ø 50 / 410 mm	33
	JMD-18 / JMD-18PF – Milling / drilling center, Ø 76 / 455 mm	34
	JMD-45PF / JMD-45PFD – Gear head milling machine, Ø 100 / 460 mm	35
	JTM-1050VS – Vertical milling machine variable with 3-Axis digital readout, Ø 100 / 446 mm	36
	Accessories – Technical details	37-39

JDP-10 / JDP-13 – Drill press

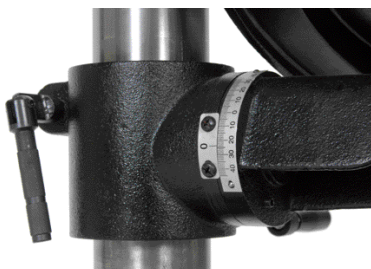
- Guaranteed concentricity in Morse taper <math><0.03\text{ mm}</math>
- Spindles are supported by precision ball bearings
- Quick clamping precision chucks
- Powerful motors for continuous operation
- Precision drill depth stop

Included in delivery

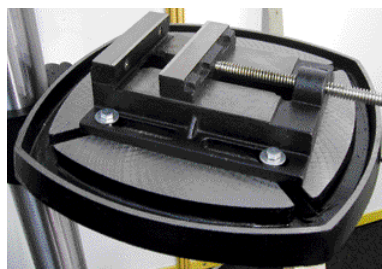
- Machine vise
- 16 mm quick-clamping chuck
- Arbor MT-2 / B16
- Chuck guard

Stock number	10000350M	10000360M
Model	JDP-10	JDP-13
Power	400 W/230V	650 W/230V
Drilling capacity in steel (St37)	1–16 mm	1–20 mm
Distance spindle column	127 mm	165 mm
Spindle travel	60 mm	80 mm
Table size	210 x 195 mm	270 x 270 mm
Weight	43 kg	63 kg

Details see page: 39



Tilting table



Machine vise as standard, table with oil collector channel (JDP-13)

JDP-15 / JDP-17F – Drill press

- Spindles are supported by precision ball bearings
- Left/right-handed rotation standard on 400-volt models
- Quick clamping precision chucks
- Powerful motors for continuous operation
- Belt cover with limit switch

Included in delivery

- Machine vise
- 16 mm quick-clamping chuck
- Arbor MT-2 / B16 (JDP-15)
- Arbor MT-3 / B16 (JDP-17F)
- Chuck guard

Stock number (230V)	10000370M	10000380M
Stock number (400V)	10000370T	10000380T
Model	JDP-15	JDP-17F
Power (230V)	900 W	1000 W
Power (400V)	900 W	1000 W
Drilling capacity in steel (St37)	1–22 mm	1–25 mm
Distance spindle column	190 mm	215 mm
Spindle travel	85 mm	85 mm
Table size	330 x 330 mm	365 x 365 mm
Weight	74 kg	83 kg

Details see page: 39



Precision quick-chuck with chuck guard

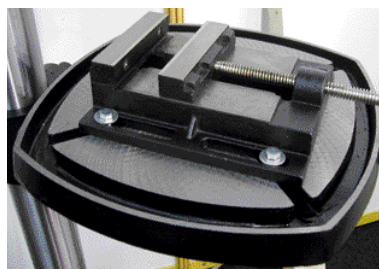


Table with oil collector channel

JDP-2800VS – Variable speed drill press

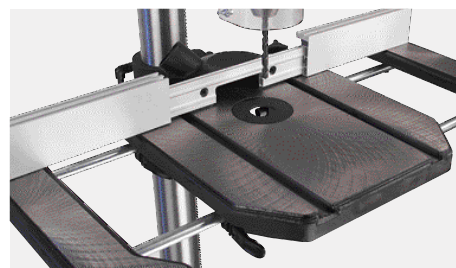
- Table tilts 90°, ±0°/45°/90° indexing
- Extension wings provide additional support for longer work pieces
- Various spindle speeds ranging from 330–2500 rpm
- Digital speed display for quick reading of speed
- Lockable switch

Included in delivery

- 16 mm quick clamp chuck
- Arbor MT-2 / B16
- Chuck guard
- Built-in dual LED work light
- Digital speed display
- Telescopic fence with work stop and dust port
- Cross laser for easy operation

Stock number	1792800M	1792800T
Power	1300 W/230V	1750 W/400V
Drilling capacity in steel (St37)	3–16 mm	3–16 mm
Distance spindle column	225 mm	225 mm
Spindle travel	110 mm	110 mm
Table size	420 x 530 (780) mm	420 x 530 (780) mm
Weight	130 kg	130 kg

Details see page: 39



Telescopic fence with work stop and dust collection port



Cross laser for easy operation

Accessories

- **JW 1000** Reducer Ø 100/50 mm
- **708916** Mitre gauge ± 60°
- **10000371** Drill vise 100 x 100 mm

Details see page: 37

JDP-22VS – Variable speed drill press

- Heavy, cast iron design
- Adjustable spindle speeds ranging from 135–3800rpm, via Variomatic, 2/4 pole Motor and stepped pulley
- Poly-V belt transmission to the spindle gives full torque (2 speed settings)
- Right and left hand rotation allows tapping operations
- Digital speed display for quick reading of speed

Included in delivery

- Chuck guard with limit switch
- Digital display of spindle speed
- 1–16 mm precision keyless chuck
- MT-3 / B16 chuck arbour

Stock number	50000420T
Power	2800 W / 400V
Drilling capacity in steel (St37)	25 mm
Distance spindle column	280 mm
Spindle travel	127 mm
Table size	410 x 490 mm
Weight	300 kg

Details see page: 39



Variomatic, 2/4 pole motor, stepped pulley



T-slotted table, precision design with rack and pinion table riser

Accessories

- **385019** Swivel vise 100 x 30 x 0-100 mm
- **385020** Swivel vise 125 x 32 x 0-105 mm
- **50000170** Assortment of clamping tools 16 mm T-slots

Details see page: 37

GHD-22 / GHD-27 / GHD-27PF – Gear head drill press

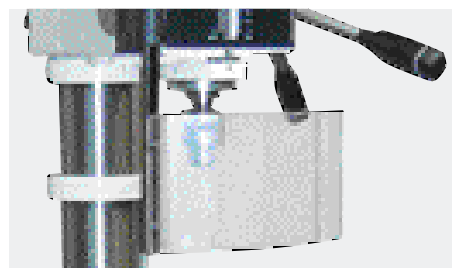
- 8 speed gearbox with big speed range 75–3150 rpm
- Helical gears for smooth, quiet operation
- Right and left hand rotation allows tapping operations
- MT-3 spindle taper with tool quick eject system
- 150 mm long spindle travel

Included in delivery

- Chuck guard with limit switch
- 1–16 mm precision keyless chuck
- MT-3 / B16 chuck arbour
- Complete coolant system (GHD-27, GHD-27PF)
- Power down feed (GHD-27PF)

Stock number	50000405T	50000406T	50000407T
Model	GHD-22	GHD-27	GHD-27PF
Power	2050 W/400V	2800 W/400V	2800 W/400V
Drilling capacity in steel (St37)	30 mm	32 mm	32 mm
Distance spindle column	284 mm	350 mm	350 mm
Spindle travel	150 mm	150 mm	150 mm
Table size	405 x 505 mm	405 x 505 mm	405 x 505 mm
Weight	198 kg	240 kg	250 kg

Details see page: 39



Chuck guard with limit switch



Integrated coolant system (GHD-27, GHD-27PF)

JMD-1 – Milling/drilling center

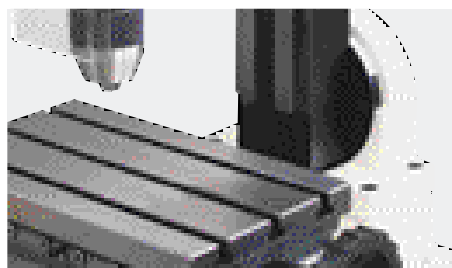
- Cast iron design for vibration free operation
- Powerful DC-motor
- Variable speed range 100–2000 rpm in 2 steps
- Left hand spindle rotation allows tapping operations
- Compound table precision machined with adjustable dovetail guides

Included in delivery

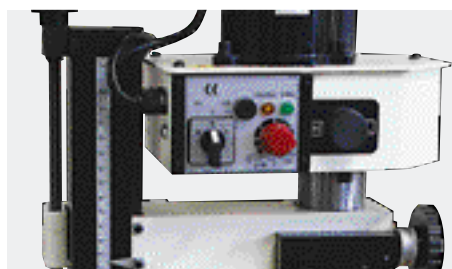
- Variable speed control with 2-step gear box
- Micro adjustable spindle downfeed
- Draw bar M10
- 1–10 mm keyless chuck with MT-2 arbour
- Drilling and milling guard

Stock number	50000020M
Power	250 W / 230 V
Capacity for Ø drill / face mill / end mill	10 / 20 / 10 mm
Speeds	100–1000 / 200–2000 rpm
Max. distance spindle to table	210 mm
Max. Table stroke x-axis / y-axis	190 / 100 mm
Weight	40 kg

Details see page: 39



Right/left-tiltable column for flexible work



Variable speed control with right/left-handed rotation and 2-step gear box

Accessories

- 50000025 Machine vise 50x50 mm
- 50000026 Divider with rotary table Ø 100mm 100 mm

Details see page: 37

JMD-2 – Milling/drilling center

- Solid cast iron design for vibration free operation
- Advanced brushless DC-motor
- Variable 50–2500 rpm speed range
- Digital display of spindle speed and spindle travel
- Left hand spindle rotation and tapping function standard

Included in delivery

- Control panel with digital display for spindle speed
- Micro adjustable spindle downfeed with digital display
- Quick-clamping chuck 1–13 mm with Arbor MT-2
- Draw bar M10
- Drilling and milling guard with limit switch
- Tool panel

Stock number	50000030M
Power	750 W/230V
Capacity for Ø drill / face mill / end mill	13/30/16 mm
Speeds	50–2500 rpm
Max. distance spindle to table	320 mm
Max. Table stroke x-axis / y-axis	250/160 mm
Weight	127 kg

Details see page: 39

Drilling / Milling



Control panel with digital display for spindle speed



Tiltable head for vertical and inclined work

Accessories

- 50000036 Quick vise with swivel base 55x75 mm
- 50000028 Assortment of clamping tools 8 mm T-slots

Details see page: 37

JMD-3 – Milling/drilling center

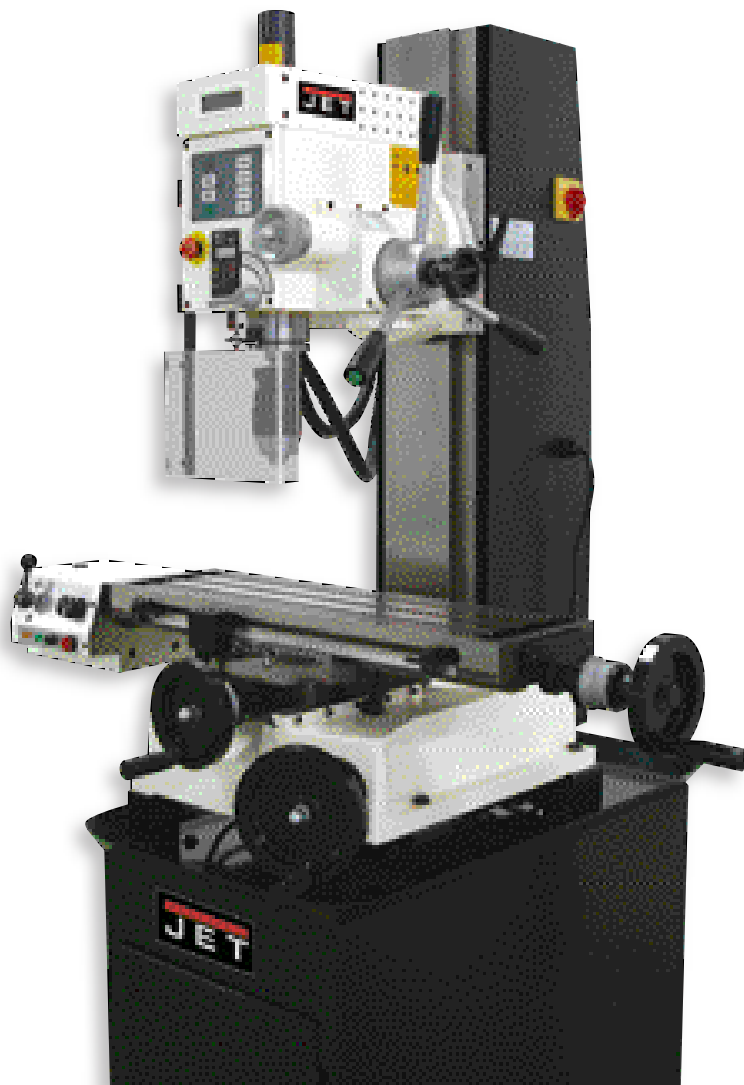
- Advanced brushless DC-motor
- Variable 100–1750 rpm speed range
- Digital display of spindle speed and spindle travel
- Left hand spindle rotation and tapping function standard
- Tilttable head for vertical and inclined work

Included in delivery

- Variable speed control with digital display
- Micro adjustable spindle downfeed with digital display
- Quick-clamping chuck 1–13 mm with Arbor MT-3
- Draw bar M12
- Drilling and milling guard with limit switch

Stock number	50000050M
Power	1300 W / 230V
Capacity for Ø drill / face mill / end mill	20 / 50 / 20 mm
Speeds	100 – 1750 rpm
Max. distance spindle to table	410 mm
Max. Table stroke x-axis / y-axis	350 / 150 mm
Weight	165 kg

Details see page: 39



Accessory: X-Axis power feed, 0–1000 mm/min, with feed limit switches (Stock no. 50000055)



Digital display of spindle speed and spindle travel

Accessories

- **50000058** Quick vise with swivel base 80 x 100 mm
- **50000055** X-axis power feed
- **50000056** Machine cabinet stand
- **50000057** Riser table for horizontal milling

Details see page: 37

JMD-18 / JMD-18PF – Milling/drilling center

- Powerful continuous-load motor
- Large compound table, precision design with adjustable dovetail guides
- Hinged belt guard for quick and easy belt change
- Head swivels 360°, for extended working range
- Solid cast iron base for vibration-free operation

Included in delivery

- Power down feed (JMD-18PF)
- Draw bar M12
- Halogen machine light
- Tilttable vise, jaw width 85 mm
- 1–13 mm drill chuck with arbor MT-3
- Carbide tipped face mill Ø75 mm

Stock number	350018M	350051M
Model	JMD-18	JMD-18PF
Power	2600 W/230V	2600 W/230V
Capacity for Ø drill / face mill / end mill	30/76/20 mm	30/76/20 mm
Speeds	125–2500 rpm	30–3000 rpm
Max. distance spindle to table	455 mm	455 mm
Max. Table stroke x-axis / y-axis	520/175 mm	520/175 mm
Weight	290 kg	290 kg

Details see page: 39



Quick-action drill depth stop



Power down feed (JMD-18PF) 0,12/0,18/0,25 mm/r

Accessories

- **50000170** Clamping tool kit for 16 mm T-Slots
- **385021** Swivel vise
150x40x0-140 mm
- **350045** Machine cabinet stand

Details see page: 37

JMD-45PF / JMD-45PFD – Gear head milling machine

- Powerful continuous-load 2-step motor for 12 speeds from 50–2500 rpm
- ISO 30 spindle taper for high milling capacity and quick tool change
- Main spindle supported in taper roller bearings ensure high concentricity (measuring tolerance <0.015 mm)
- Left hand spindle rotation for tapping operation standard
- Right/left tiltable gear head for flexible work

Included in delivery

- Power down feed
- Draw bar M12
- Halogen machine light
- Drilling and milling guard with limit switch
- Tilttable vise, jaw width 85 mm
- 1-13 mm drill chuck with ISO 30 arbor
- 3-axis digital readout (JMD-45PFD)
- Carbide tipped face mill Ø75 mm

Stock number	50000400T	50000401T
Model	JMD-45PF	JMD-45PFD
Power	2050 W / 400V	2050 W / 400V
Capacity for Ø drill / face mill / end mill	32 / 100 / 20 mm	32 / 100 / 20 mm
Speeds	50–2500 rpm	50–2500 rpm
Max. distance spindle to table	460 mm	460 mm
Max. Table stroke x-axis / y-axis	520 / 210 mm	520 / 210 mm
Weight	340 kg	340 kg

Details see page: 39

Drilling / Milling



Glass scales for X-, Y- and Z-Axis (JMD-45PFD)



3-Axis digital readout (JMD-45PFD)

Accessories

- 350045 Machine cabinet stand
- 464816 Divider with rotary table Ø 200mm /MT-3

Details see page: 37

JTM-1050VS – Vertical milling machine variable with 3-Axis digital readout

- Spindle nose ISO 40 (DIN 2080)
- Speeds infinitely adjustable via Variator and reduction gear box
- Head swivels to left and to right
- Digital display of spindle speed
- Cutter head swing 200–680 mm

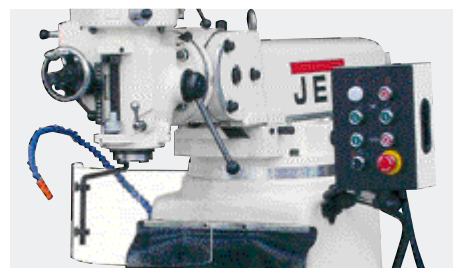
Included in delivery

- Power down feed
- Central carriage lubrication
- Draw bar M16
- Drilling and milling guard with limit switch
- Operating tools in tool box
- Automatic x-feed with limit switches and rapid feed button
- Coolant system and chip tray
- Drill depth stop
- 3-axis digital readout

Stock number	50000630T
Power	7050W/400V
Capacity for Ø drill / face mill / end mill	20/ 100/20 mm
Speeds	50–3000 rpm
Max. distance spindle to table	446 mm
Max. Table stroke x-axis / y-axis	800/380 mm
Weight	1320 kg

Details see page: 39

Drilling / Milling



Head swivels $\pm 90^\circ$ and tilts $\pm 45^\circ$ back and forth, adjustable swing 200–680 mm



Automatic x-feed 0–900 mm/min, with limit switches and rapid feed button

Accessories

- 385021 Swivel vise 150x40x0-140 mm
- 50000108 Y-axis feed

Details see page: 37

Accessories



464816 Divider with rotary table, Ø 200 mm / MT-3 (JMD-18, JMD-45)
Details see page: 35



50000026 Divider with rotary table, Ø 100 mm (JMD-1, JMD-2)
Details see page: 31, 32



50000065 Divider with rotary table, Ø 150 mm (JMD-3)



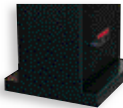
50000029 Dividing kit for 50000026
50000066 Dividing kit for 50000065



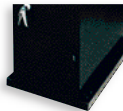
50000034 4-jaw chuck Ø 80 mm for 50000026
50000032 Chuck flange for 50000026
50000915 4-jaw chuck Ø 100 mm for 50000065
50000068 Chuck flange for 50000065



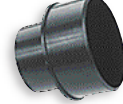
50000031 Tailstock for 50000026 (JMD-1, JMD-2)
50000067 Tailstock for 50000065 (JMD-3)



50000057 Riser table for horizontal milling (JMD-3)
Details see page: 33



350045 Machine cabinet stand, (JMD-18, JMD-45PF)
Details see page: 35



50000056 Machine cabinet stand (JMD-3)



JW1000 Reducer Ø 100 / 50 mm
Details see page: 28

708916 Mitre gauge ± 60°
Details see page: 28



385019 Swivel vise 100 x 30 x 0-100 mm
Details see page: 29, 30, 34, 35, 36

385020 Swivel vise 125 x 32 x 0-105 mm
Details see page: 29, 34, 35, 36

385021 Swivel vise 150 x 40 x 0-140 mm
Details see page: 29, 30, 34, 35, 36

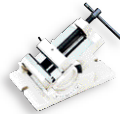


50000025 Machine vise 50 x 50 mm (JMD-1, JMD-2)

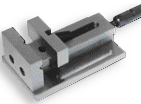


50000036 Quick vise with swivel base 55 x 75 mm (JMD-1, JMD-2)
Details see page: 31, 32

50000058 Quick vise with swivel base 80 x 100 mm (JMD-3)
Details see page: 33



50000064 Tilttable vise 100 mm (JMD-3)



10000371 Machine vise 100 x 100 mm (JMD-3)
Details see page: 33



Super precision 3 axis Tilting machine vise

11701 75 x 33 mm
11702 100 x 38 mm
11803 125 x 45 mm



Super precision 2 axis Tilting machine vise

11703 50 x 24 mm
11704 75 x 33 mm
11705 100 x 38 mm



Super precision self centering vise

11713 100 x 38 mm



Super precision drill press vise

11719 100 x 33 mm

Accessories

Drilling / Milling



50000105 ISO30-ER-32, 11 pcs. 4–20 mm collet holder (JMD-45PF)

50000125 ISO40-ER-32, 11 pcs. 4–20 mm collet holder (JTM-1050VS)

50000180 Collet chuck MT-3 with ER 40 collets, 11 pcs. 4–20 mm 6, 8, 10, 12, 16, 20, 25 mm (JMD-3, JMD-18)



50000059 42 pieces clamping kit for 12 mm T-groves (JMD-3)

50000170 Assortment of clamping tools 16 mm T-slots
Details see page: 29, 34



50000027 MT-2 collet set dia 3, 4, 5, 6, 8, 10 mm (JMD-1, JMD-2)



50000028 Assortment of clamping tools 8 mm T-slots (JMD-1, JMD-2)

Details see page: 32



50000103 ISO30-MT-3 morse taper adapter (JMD-45PF)

50000123 ISO40-MT-3 morse taper adapter (JTM-1050VS)



50000102 ISO30-MT-2 morse taper adapter (JMD-45PF)

50000122 ISO40-MT-2 morse taper adapter (JTM-1050VS)



50000106 ISO30-22 mm shell end mill arbor (JMD-45PF)

50000126 ISO40-22 mm shell end mill arbor (JTM-1050VS)



50000104 ISO30 taper shaft for drill chucks (JMD-45PF)

50000124 ISO40-B-16 taper shaft for drill chucks (JTM-1050VS)



50000035 Boring bar MT-2 (JMD-1, JMD-2)



50000038 Shell end mill arbor MT-2/Ø 13 mm (JMD-1, JMD-2)



50000055 X-axis power feed (JMD-3)
Details see page: 33



50000390 X-axis power feed (JMD-18, JMD-45PF)



50000108 Y-axis feed (JTM-1050VS)
(Z-axis rapid feed available upon request)
Details see page: 36



350055 Complete coolant system 230V (JMD-18, JMD-45PF)



50000109 Power draw bar ISO40, M16 for JTM-1050VS



50000063 Angle work table, tiltable (JMD-3)

Technical details



Stock number (230V)	10000350M	10000360M	10000370M	10000380M	1792800M	-	-	-	-
Stock number (400V)	-	-	10000370T	10000380T	1792800T	50000420T	50000405T	50000406T	50000407T
Model	JDP-10	JDP-13	JDP-15	JDP-17F	JDP-2800VS	JDP-22VS	GHD-22	GHD-27	GHD-27PF
Motor power input (230V)	400W	650W	900W	1000W	1300W	-	-	-	-
Motor power output (230V)	245W	370W	520W	550W	745W	-	-	-	-
Motor power input (400V)	-	-	900W	1000W	1750W	2800W	2050W	2800W	2800W
Motor power output (400V)	-	-	520W	550W	930W	1100W	1100W	1490W	1490W
Drilling performance in steel	16mm	20mm	22mm	25mm	16mm	Ø 25 mm / M16	Ø 30 mm / M16	Ø 32 mm / M20	Ø 32 mm / M20
Distance spindle column	127mm	165mm	190mm	215mm	225mm	280mm	284mm	350mm	350mm
Spindle travel	60mm	80mm	85mm	85mm	110mm	127mm	150mm	150mm	150mm
Table size	210x195mm	270x270mm	330x330mm	365x365mm	420x530 (780)mm	410x490mm	405x505mm	405x505mm	405x505mm
Speed range	210-2580rpm	210-2580rpm	210-2580rpm	160-3330rpm	330-2500rpm	-	75-3150rpm	75-3150rpm	75-3150rpm
Spindle speeds	12	12	12	12	variable	variable	8	8	8
Pulley step I, 4pole / 2pole	-	-	-	-	-	135-1000 / 270-2000rpm	-	-	-
Spindle speeds	-	-	-	-	-	variable	-	-	-
Pulley step II, 4pole / 2pole	-	-	-	-	-	270-2000 / 500-3800rpm	-	-	-
Power down feed	-	-	-	-	-	-	-	-	0,1 / 0,15 / 0,2 mm/r
Quick-clamping chuck	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard
Spindle taper	MT2 / B16	MT2 / B16	MT2 / B16	MT3 / B16	MT-2	MT-3	MT-3	MT-3	MT-3
Column diameter	59,5mm	73mm	73mm	80mm	80mm	110mm	100mm	120mm	120mm
Number of T-slots in table	-	-	-	-	2 / 16mm	2 / 16mm	2 / 16mm	2 / 16mm	2 / 16mm
Number of T-slots in base	-	-	-	-	-	-	-	2 / 16mm	2 / 16mm
Max. distance spindle to table	-	-	-	-	-	830mm	910mm	950mm	950mm
Max. distance spindle to base	-	-	-	-	-	1180mm	-	1300mm	1300mm
Dimensions (LxWxH)	530x320x840mm	590x360x1000mm	630x400x1000mm	680x430x1625mm	800x600x1750mm	840x610x1850mm	800x600x1840mm	750x600x1800mm	750x620x1800mm
Weight	43kg	63kg	74kg	83kg	130kg	300kg	198kg	240kg	250kg
Page	26	26	27	27	28	29	30	30	30



Stock number (230V)	50000020M	50000030M	50000050M	350018M	350051M	-	-	-
Stock number (400V)	-	-	-	-	-	50000400T	50000401T	50000630T
Model	JMD-1	JMD-2	JMD-3	JMD-18	JMD-18PF	JMD-45PF	JMD-45PFD	JTM-1050VS
Motor power input (230V)	250W	750W	1300W	2600W	2600W	-	-	-
Motor power output (230V)	150W	520W	1000W	1490W	1490W	-	-	-
Motor power input (400V)	-	-	-	-	-	2050W	2050W	7050W
Motor power output (400V)	-	-	-	-	-	1100W	1100W	3720W
Drilling capacity (ST 37)	Ø 10mm / M6	Ø 13mm / M8	Ø 20mm / M10	Ø 30mm / M12	Ø 32mm / M12	Ø 32mm, M20	Ø 32mm, M20	Ø 20mm, M16
Cutting capacity of face mill	Ø 20mm	Ø 30mm	Ø 50mm	Ø 76mm	Ø 76mm	Ø 100mm	Ø 100mm	Ø 100mm
Cutting capacity of end mill	Ø 10mm	Ø 16mm	Ø 20mm	Ø 20mm	Ø 25mm	Ø 20mm	Ø 20mm	Ø 20mm
Spindle speeds	100-1000 / 200-2000rpm	50-2500rpm	100-1750rpm	12 / 125 -2500 rpm	12 / 125 -2500 rpm	12 / 50 -2500 rpm	12 / 50 -2500 rpm	50 -3000 rpm
Max. distance between spindle / table	210mm	320mm	410mm	455mm	455mm	460mm	460mm	446mm
Max. Table stroke x-axis	190mm	250mm	350mm	520mm	520mm	520mm	520mm	800mm
Max. Table stroke y-axis	100mm	160mm	150mm	175mm	175mm	210mm	210mm	380mm
Distance spindle column	140mm	160mm	230mm	200mm	200mm	250mm	250mm	680mm
Spindle taper	MT-2 / M10	MT-2 / M10	MT-3 / M12	MT-3 / M12	MT-3 / M12	ISO 30 (DIN 2080)	ISO 30 (DIN 2080)	ISO 40 (DIN 2080)
Manual spindle stroke	30mm	60mm	70mm	125mm	-	-	-	-
Automatic sleeve stroke	-	-	-	-	107mm	107mm	107mm	127mm
Automatic sleeve feed	-	-	-	-	0,12 / 0,18 / 0,25 mm/r	0,12 / 0,18 / 0,25 mm/r	0,12 / 0,18 / 0,25 mm/r	0,04 / 0,08 / 0,15 mm/r
Column diameter	-	-	-	115mm	115mm	-	-	-
Column tilting range	45° left / 45° right	-	-	-	-	-	-	-
Head tilting range	-	45° left / 30° right	90° left / 45° right	-	-	90° left / 30° right	90° left / 30° right	-
Table size	145x240mm	130x500mm	160x510mm	240x805mm	240x805mm	240x825mm	240x825mm	250x1270mm
Number of T-slots in table	3 / 8mm	3 / 8mm	3 / 12mm	4 / 16mm	4 / 16mm	4 / 16mm	4 / 16mm	3 / 16mm
Dimensions (LxWxH)	550x450x630mm	610x610x780mm	700x560x850mm	1080x1010x1105mm	1080x1010x1105mm	1080x1010x1300mm	1080x1010x1300mm	1700x1955x2350mm
Weight	40kg	127kg	165kg	290kg	290kg	340kg	340kg	1320kg
Page	31	32	33	34	34	35	35	36

Turning

Lathes from JET with various swing diameters and center distances – The solid cast-iron constructions guarantee high-level stability and vibration-free work – Precise and efficient work via digital speed displays and 3-axis digital readouts – Spindle jog button, clockwise and anti-clockwise rotation, automatic longitudinal and cross feeds, easy and convenient operation via joy-stick with rapid feed button – Transmission permits cutting of a large number of threads without quadrant gears having to be changed – High-performance drives, permanently oil bath-lubricated main, feed and apron transmissions with a large number of easily selectable speeds – Quick-release systems permit the simple and precise mounting of the tool holders – High level of operating safety and unbeatable value for money – Accessories supplied as standard or available as extras

Overview Turning



BD-3 – Metal lathe, Ø 100 / 150 mm

42



BD-7 – Metal lathe, Ø 180 / 300 mm

43



BD-8 – Metal lathe, Ø 210 / 450 mm

44



BD-920W – Metal lathe, Ø 220 / 500 mm

45



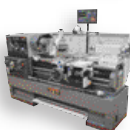
GHB-1330 / 1340A – Metal lathe, Ø 330–476 / 760–1015 mm

46



GH-1440W-3 – Metal lathe, Ø 356 – 508 / 1015 mm

47



ZX-Metal lathe, Ø 406 – 775 mm / 1015 – 2032 mm

48-49



ZH-Metal lathe, Ø 500 – 870 mm / 1530 – 3050 mm

50-51



Accessories Metal lathe – Technical details

52-57

BD-3 – Metal lathe

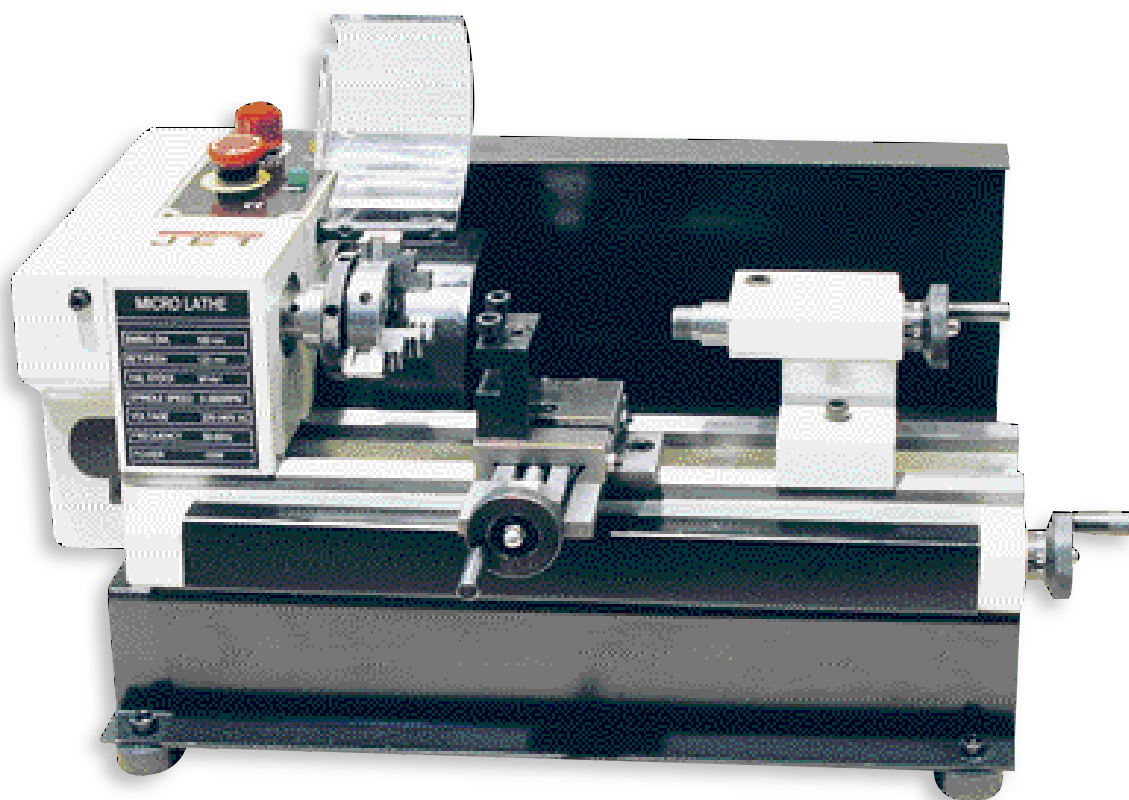
- Cast iron bed for vibration free operation
- Bedways precision ground
- Powerful DC-motor
- Variable speed range 100–3800 rpm
- Cross slide with adjustable dovetail guides

Included in delivery

- Single tool post
- 50 mm three-jaw chuck
- Chuck guard
- Splash guard
- Fixed center for tailstock

Stock number	50000080M
Power	250 W/230V
Swing-Ø over bed	100 mm
Center distance	150 mm
Power feed	manuell
Speeds	100–3800 rpm
Weight	13 kg

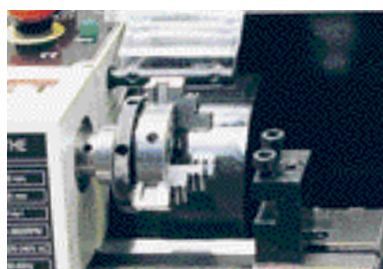
Details see page: 57



Turning



Variable speed range 100–3800 rpm



Three-jaw chuck with reversible jaws, spindle clearance 10 mm

Accessories

- 50000073 Auto feeder 0,02 mm/r
- 50000074 Top slide

Details see page: 52-56

BD-7 – Metal lathe

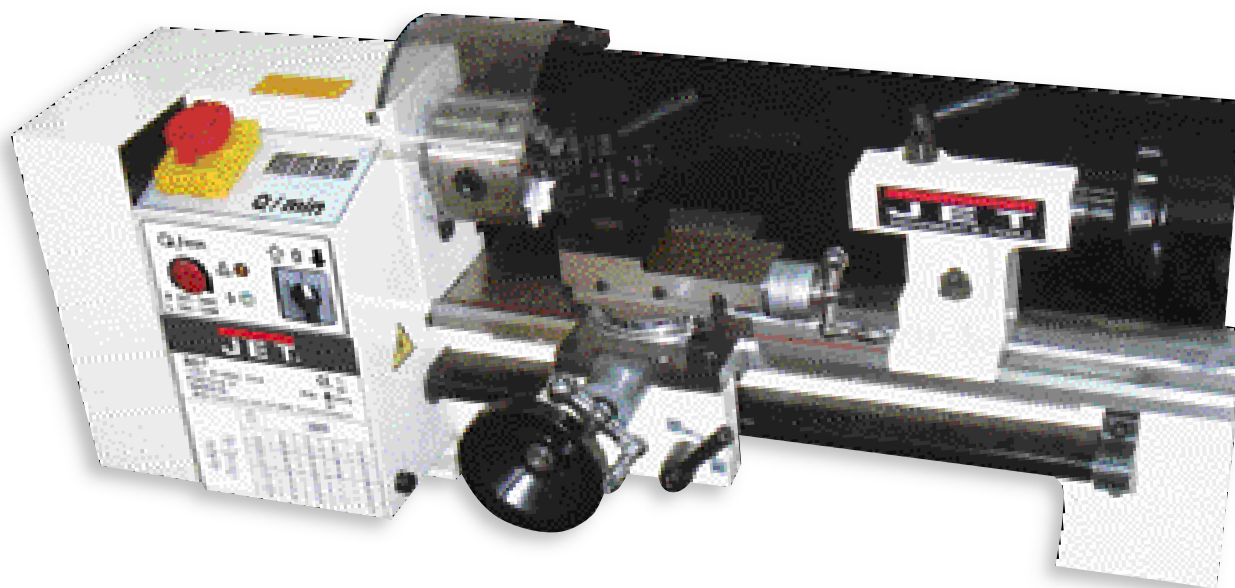
- Solid cast iron design for vibration free operation
- Headstock is supported by tapered roller bearings
- Variable speed range 100–3000 rpm in 2 steps
- Left hand spindle rotation allows threading operations
- Longitudinal feed

Included in delivery

- Variable speed control with digital display
- 4-way tool post with indexing function
- Set of change gears
- Fixed center point MT-2
- 3-jaw chuck, 80 mm
- Chuck guard
- Splash guard
- chip tray

Stock number	50000900M
Power	550 W / 230V
Swing-Ø over bed	180 mm
Center distance	300 mm
Power feed	0,09 mm/r
Speeds	100–1200 / 300–3000 rpm
Weight	44 kg

Details see page: 57



Digital display of spindle speed



Lead screw with cover

Accessories

- 50000906 Steady rest
- 50000071 Turning tools 8x8 mm, 11 pieces set

Details see page: 52-56

BD-8 – Metal lathe

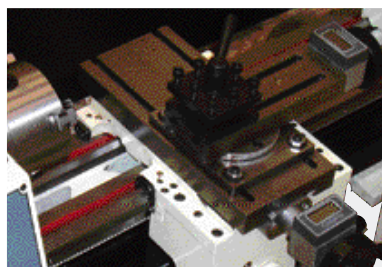
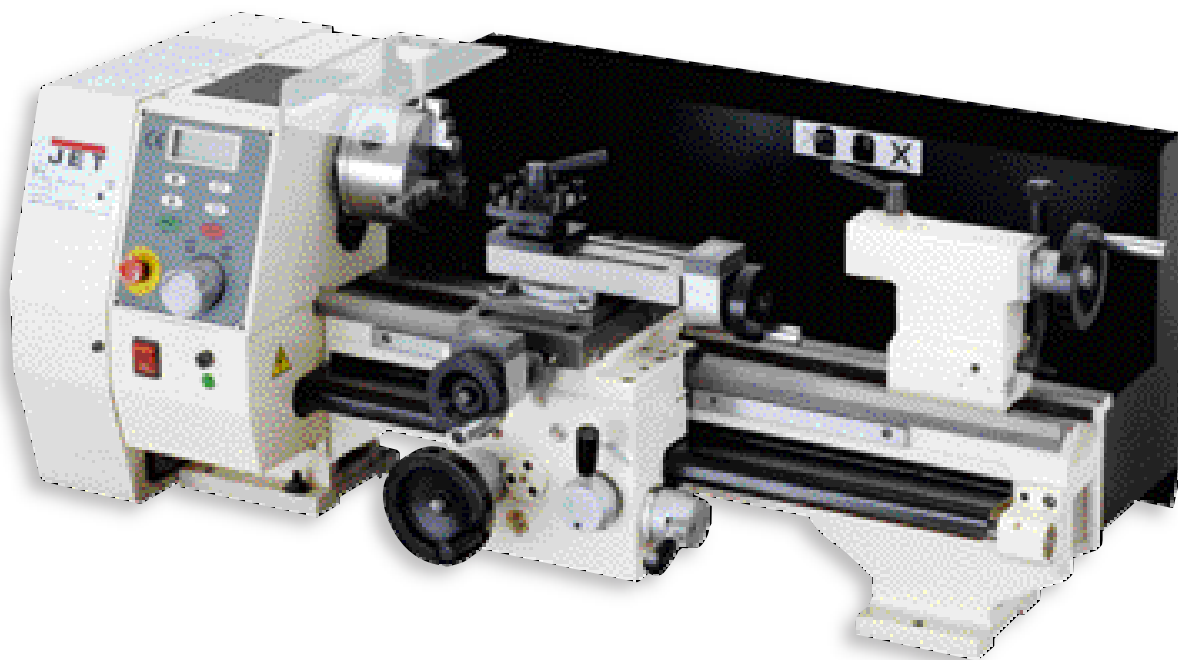
- Headstock is supported by tapered roller bearings
- Powerful brushless DC-motor
- Variable 100–2000 rpm speed range with forward/reverse rotation
- Digital display of spindle speed
- Digital display for cross and top slide travel
- Backlash adjustments are provided throughout the carriage

Included in delivery

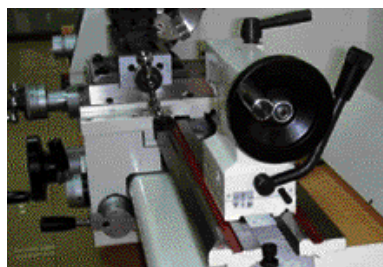
- Variable speed control with digital display
- Digital display for cross and top slide travel
- 4-way tool post with indexing function
- Set of change gears
- Fixed center point MT-2
- 3-jaw chuck, 100 mm
- Chuck guard
- Splash guard

Stock number	50000085M
Power	1300W/230V
Swing-Ø over bed	210 mm
Center distance	450 mm
Power feed	0,045/0,125 mm/r
Speeds	100–2000 rpm
Weight	94 kg

Details see page: 57



Digital display for cross and top slide travel



Quick lock handle for tailstock

Accessories

- 50000086 Steady rest
- 50000091 Machine stand

Details see page: 52-56

BD-920W – Metal lathe

- Reversing gear for left and right hand thread cutting
- Headstock is supported by tapered roller bearings
- Headstock powered by belt drive with quick-change system
- Forward/reverse rotation
- Longitudinal feed

Included in delivery

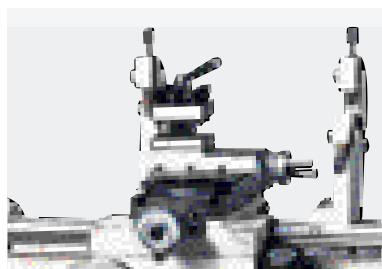
- 4-way tool post with indexing function
- Single tool post
- Follow rest and steady rest
- Set of change gears
- Fixed centers MT-2 and MT-3
- Threading dial
- Face plate Ø 180 mm
- 4-jaw chuck Ø 180 mm
- 3-jaw chuck, 100 mm

Stock number	321373M
Power	950 W/230V
Swing-Ø over bed	220 mm
Center distance	500 mm
Power feed	0,02 – 0,5 mm/r
Speeds	6 / 110 – 1700 rpm
Weight	110 kg

Details see page: 57



Quick-change gear-box



4-way tool post with indexing function

Accessories

- 321374 Machine stand
- 465302 Live center MT-2
- 708343K Drill chuck 13mm MT-2

Details see page: 52-56

GHB-1330 / GHB-1340A – Metal lathes

- Permanently lubricated main, feed and apron gear
- Transverse adjustment of tailstock for taper cuts
- Right and left-handed rotation
- Adjustable feed clutch
- Touch control operation

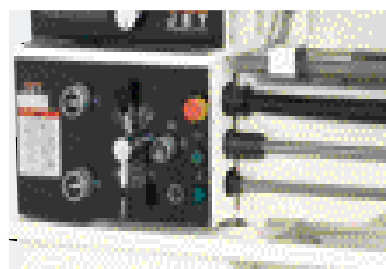
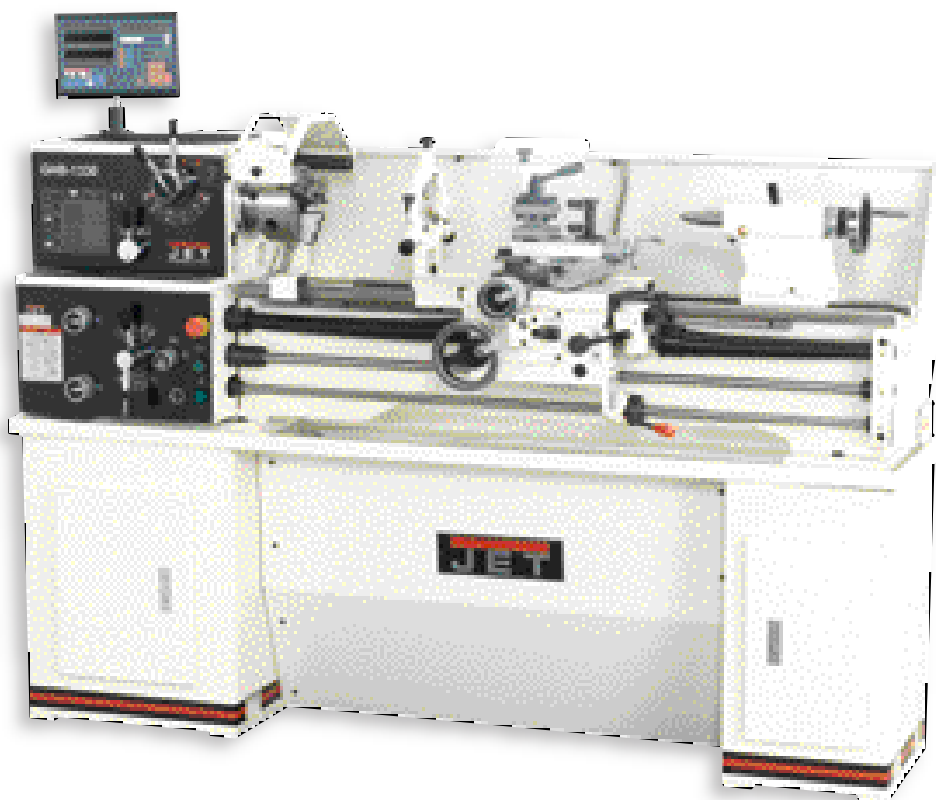
Included in delivery

- 3-axis digital readout
- 160 mm three-jaw chuck with basic and reversing jaws
- 4-jaw chuck 200 mm (GHB-1340A)
- 300 face plate
- 4-way tool post with indexing function
- Steady rest and follow rest
- Threading dial
- Chuck guard with limit switch
- 2 fixed center points MT-3
- Reducing sleeve MT-5 / MT-3
- Set of change gears
- Levelling elements
- Pull-out bed gap section (GHB-1340A)

Stock number	50000700T	50000710T
Model	GHB-1330	GHB-1340A
Power	2800 W / 400 V	2800 W / 400 V
Swing-Ø over bed	330 mm	330 (476) mm
Center distance	760 mm	1015 mm
Power feed	36 / 0,04 – 0,8 mm/r	36 / 0,04 – 0,8 mm/r
Speeds	8 / 70 – 2000 rpm	8 / 70 – 2000 rpm
Weight	600 kg	650 kg

Details see page: 57

Turning



Gear box makes it possible to cut a number of threads without changing the gears



Easy use with digital read out

Accessories

- Metal lathe accessories see pages 52-56

GH-1440W-3 – Metal lathe

- Gear box makes it possible to cut a number of threads without changing the gears
- Hardened and ground gears in headstock and gear box
- Standard inch and metric graduation
- Adjustable feed clutch
- Spindle jog control, right/left hand operation

Included in delivery

- 3-axis digital readout
- 160 mm three-jaw chuck with basic and reversing jaws
- 4-jaw chuck 200 mm
- 300 face plate
- 4-way tool post with indexing function
- Steady rest and follow rest
- Foot brake with limit switch
- Complete coolant system
- Halogen machine light
- Pull-out bed gap section
- Set of change gears
- 2 fixed center points MT-3
- Levelling elements
- Reducing sleeve MT-5 / MT-3
- Chuck guard with limit switch
- Longitudinal stop with fine adjustment
- Threading dial

Stock number	50000720T
Power	2800 W / 400V
Swing-Ø over bed	356 (508) mm
Center distance	1015 mm
Power feed	48 / 0,04 – 0,6 mm/r
Speeds	12 / 40 – 1800 rpm
Weight	995 kg

Details see page: 57



Pull-out chip tray on front



Steady rest and follow rest

Accessories

- Metal lathe accessories see pages 52-56

ZX-Models Metal lathes

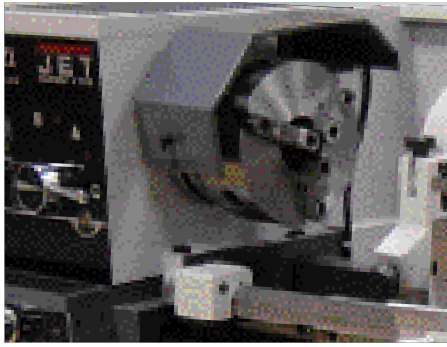
- Induction-hardened and ground cast iron gantry bed
- Pull-out bed gap section
- Gear box makes it possible to cut a number of threads without changing the gears
- Permanently lubricated main, feed and apron gear
- Spindle jog control, right/left hand operation
- Hardened and ground gears in headstock and gear box
- Guides adjustable without play via V-ledges
- Carriage guide Turcite-B coated
- Central lubrication for carriage
- Adjustable feed clutch
- Transversal adjustment of tailstock for taper cuts
- Tailstock sleeve and hand wheel with adjustable precision scale

Included in delivery

- 3-axis digital readout
- Robust cast iron machine stand
- Ø250 mm three-jaw chuck with basic and reversing jaws
- 4-jaw chuck Ø300 mm
- Face plate Ø400 mm (Ø300 mm / GH-1640ZX)
- 4-way tool post with indexing function
- Live center point MT-5 (MT-4 / GH-1640ZX)
- Fixed center point MT-5
- Reducing sleeve (MT-7 / MT-5)
- Steady rest and follow rest
- Splash guard
- Foot brake with limit switch
- Complete coolant system
- Halogen machine light
- Threading dial
- Stop shaft with 5 adjustable cams (switch-off of the longitudinal feed)
- Longitudinal stop with fine adjustment
- Chuck guard with limit switch
- Levelling elements
- Z-axis rapid feed (GH-2280ZX)



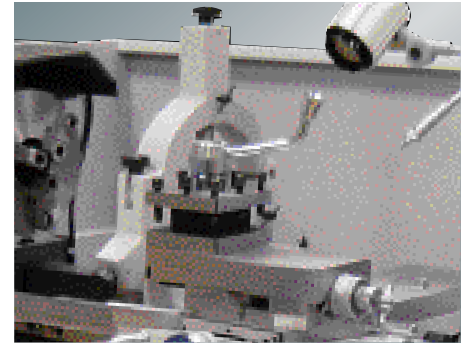
ZX-Models Metal lathes



Ø250 mm three-jaw chuck with basic and reversing jaws, chuck guard with limit switch



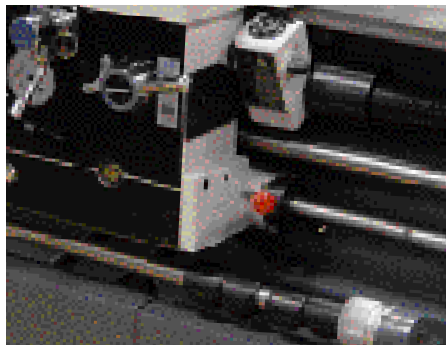
Gear box with hardened and ground gears makes it possible to cut a number of threads without changing the gears



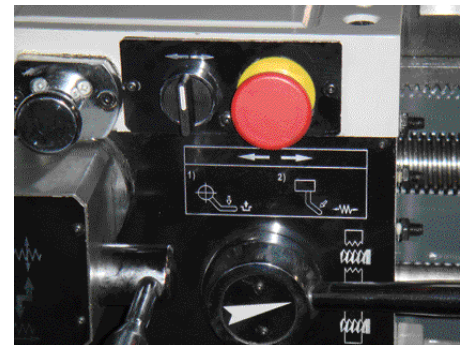
4-way tool post with indexing function, steady rest and follow rest as a standard



Adjustment of tailstock for taper cuts, tailstock sleeve and hand wheel with adjustable precision scale



Stop shaft with adjustable cams (switch-off of longitudinal feed), threading dial



Z-axis rapid feed 5 m/min (GH-2280ZX)

Stock number	50000730T	50000750T	50000775T
Model	GH-1640ZX	GH-1860ZX	GH-2280ZX
Motor power input	8800 W / S ₆ 40%	8800 W / S ₆ 40%	11,7 kW / S ₆ 40%
Motor power output	5600 W / S ₁ 100%	5600 W / S ₁ 100%	7500 W / S ₁ 100%
Swing over bed	406 mm	460 mm	560 mm
Max. turning diameter (bed gap section)	657 mm	698 mm	775 mm
Center distance	1015 mm	1524 mm	2032 mm
Longitudinal feed (l/r): 122	0,038–2,3 mm/r	0,038–2,3 mm/r	0,038–2,3 mm/r
Transversal feed (l/r): 122	0,015–0,9 mm/r	0,015–0,9 mm/r	0,015–0,9 mm/r
Diameter over transverse slide	254 mm	280 mm	350 mm
Bed gap section length	310 mm	310 mm	310 mm
Spindle passage	Ø80 mm	Ø80 mm	Ø80 mm
Spindle taper	MT-7 (MT-5)	MT-7 (MT-5)	MT-7 (MT-5)
Spindle port: Camlock	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)
Speeds: 12	25–1800 rpm	25–1800 rpm	25–1800 rpm
Metric threads: 24	0,5–20 mm/r	0,5–20 mm/r	0,5–20 mm/r
Inch threads: 61	72"–1 5/8" TPI	72"–1 5/8" TPI	72"–1 5/8" TPI
Module pitch: 20	0,25–10 MP	0,25–10 MP	0,25–10 MP
Diametrial pitch: 45	96–3 1/4 DP	96–3 1/4 DP	96–3 1/4 DP
Max. tool size	25 x 25 mm	25 x 25 mm	25 x 25 mm
Transverse slide travel	228 mm	228 mm	280 mm
Compound rest travel	130 mm	130 mm	130 mm
Tailstock ram travel	124 mm	124 mm	124 mm
Tailstock taper	MT-4	MT-5	MT-5
Capacity of steady rest	12 mm–178 mm	12 mm–178 mm	12 mm–178 mm
Capacity of follow rest	15 mm–90 mm	15 mm–90 mm	15 mm–90 mm
Width of lathe bed	340 mm	340 mm	340 mm
Dimensions (LxWxH)	2462 x 1016 x 1220 mm	2960 x 1016 x 1241 mm	3320 x 1040 x 1400 mm
Weight	2120 kg	2628 kg	3100 kg

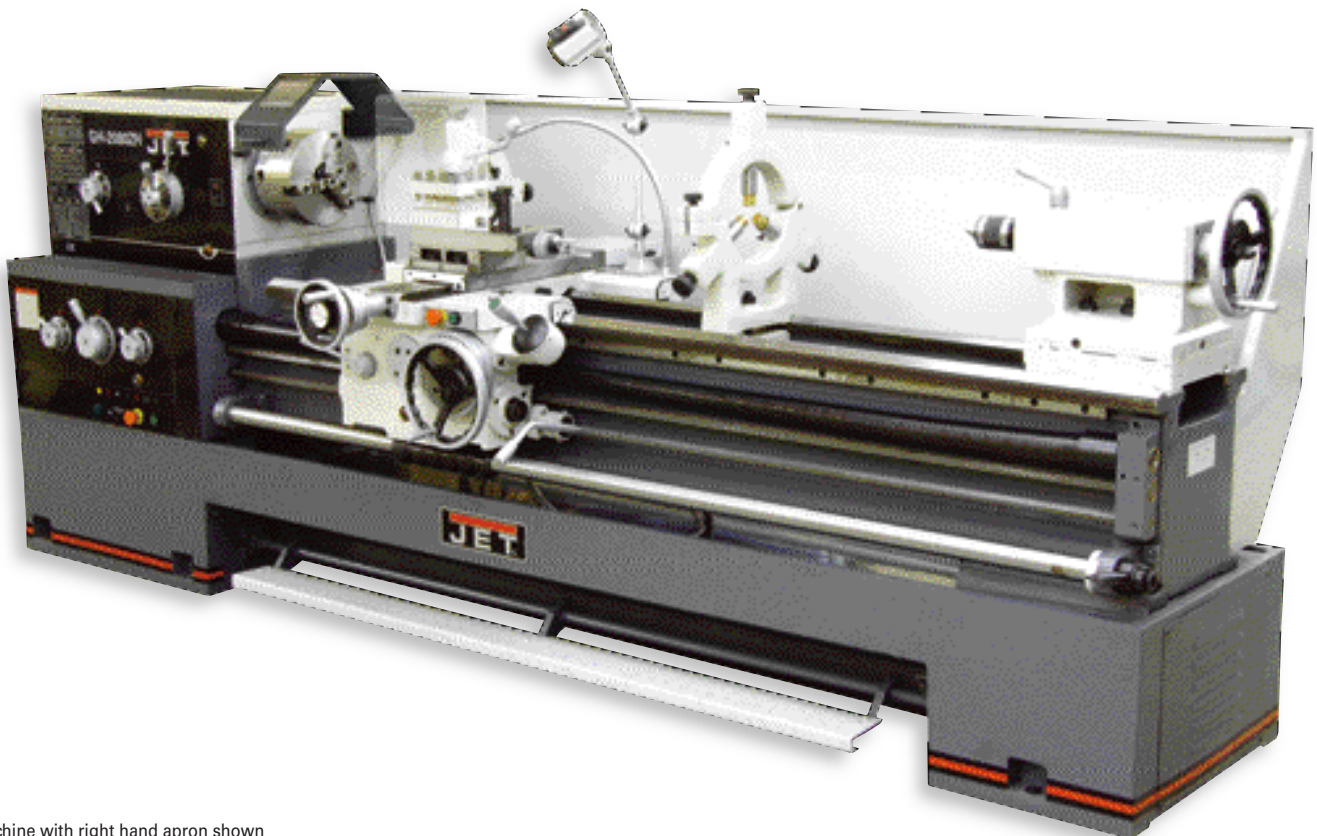
ZH-Models Metal lathes

- Headstock with mechanical clutches allows slow spindle reversing for threading operations
- Manual soft start reduces wear on gear and belts
- Comfortable handling for long- and crossfeed over Joy-Stick with rapid button
- Induction-hardened and ground cast iron gantry bed
- Pull-out bed gap section
- Permanently lubricated main, feed and apron gear
- Hardened and ground gears in headstock and gear box
- Guides adjustable without play via V-ledges
- Carriage guide Turcite-B coated
- Central lubrication for carriage
- Adjustable feed clutch
- Transversal adjustment of tailstock for taper cuts
- Tailstock sleeve and hand wheel with adjustable precision scale

Included in delivery

- 3-axis digital readout
- Robust cast iron machine stand
- Ø 250 mm three-jaw chuck with basic and reversing jaws (GH-2060ZH / GH-2080ZH)
- 4-jaw chuck Ø 325 mm (GH-2060ZH / GH-2080ZH)
- Ø 325 mm three-jaw chuck with basic and reversing jaws (GH-2680ZH / GH-26120ZH)
- 4-jaw chuck Ø 400 mm (GH-2680ZH / GH-26120ZH)
- Face plate Ø 630 mm (GH-2680ZH / GH-26120ZH)
- Drive plate Ø 250 mm (GH-2680ZH / GH-26120ZH)
- 4-way tool post with indexing function
- Live center point MT-5
- Fixed center point MT-5
- MT-7/ MT-5 reducing sleeve (GH-2060ZH / GH2080ZH)
- Reducing sleeve Ø 113/MT-5 (GH-2680ZH / GH-26120ZH)
- Steady rest and follow rest
- Splash guard
- Foot brake with limit switch
- Complete coolant system
- Halogen machine light
- Stop shaft with 5 adjustable cams (switch-off of the longitudinal feed)
- Longitudinal stop
- Chuck guard with limit switch
- Levelling elements
- Operating tools in tool box

Turning

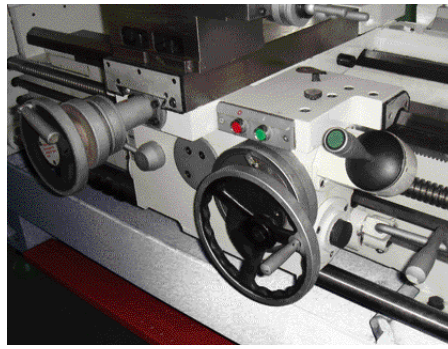


Machine with right hand apron shown
(available on special request)

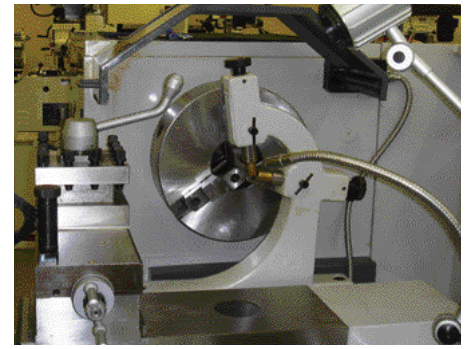
ZH-Models Metal lathes



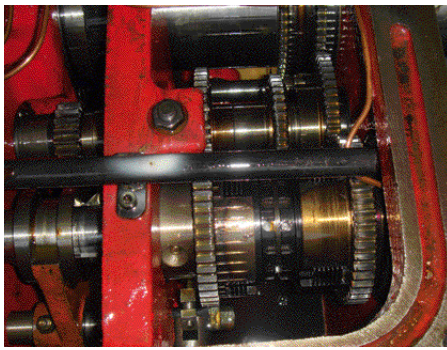
Gear box with hardened and ground gears makes it possible to cut a number of threads without changing the gears



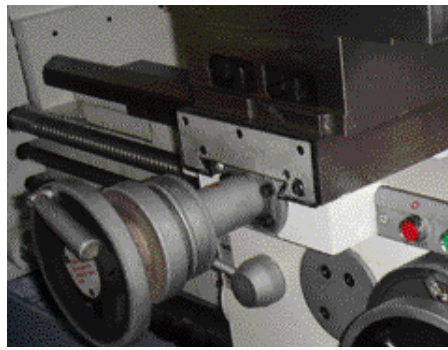
Comfortable handling for long- and crossfeed over Joy-Stick with rapid button



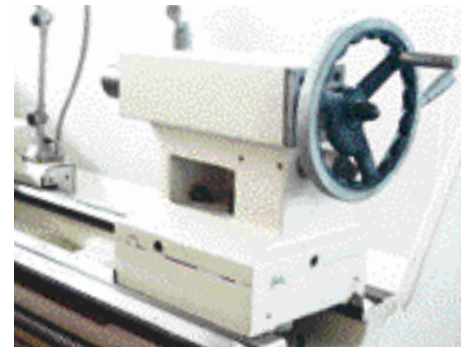
4-way tool post with indexing function, steady rest and follow rest



Headstock with mechanical clutches allows slow startup and gentle spindle reversing



Adjustable feed clutch, pull-out bed gap section



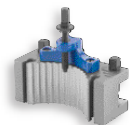
Adjustment of tailstock for taper cuts, tailstock sleeve and hand wheel with adjustable precision scale

Stock number	50000831T	50000832T	50000790T	50000795T
Model	GH-2060ZH	GH-2080ZH	GH-2680ZH	GH-26120ZH
Motor power input	12 kW/S _e 40%	12 kW/S _e 40%	12 kW/S _e 40%	12 kW/S _e 40%
Motor power output	7500 W/S _i 100%	7500 W/S _i 100%	7500 W/S _i 100%	7500 W/S _i 100%
Swing over bed	500 mm	500 mm	660 mm	660 mm
Max. turning diameter (bed gap section)	720 mm	720 mm	870 mm	870 mm
Center distance	1530 mm	2030 mm	2030 mm	3050 mm
Longitudinal feed (l/r)	0,063–6,43 mm/r	0,063–6,43 mm/r	0,063–2,52 mm/r	0,063–2,52 mm/r
Transversal feed (l/r)	0,027–2,73 mm/r	0,027–2,73 mm/r	0,027–1,07 mm/r	0,027–1,07 mm/r
Diameter over transverse slide	310 mm	310 mm	420 mm	420 mm
Bed gap section length	210 mm	210 mm	240 mm	240 mm
Spindle passage	Ø 80 mm	Ø 80 mm	Ø 105 mm	Ø 105 mm
Spindle taper	MT-7	MT-7	Ø 113 mm 1:20	Ø 113 mm 1:20
Spindle port: Camlock	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)
Speeds: 24	9–1600 rpm	9–1600 rpm	36–1600 rpm	36–1600 rpm
Metric threads: 46	1–224 mm	1–224 mm/r	1–14 mm/r	1–14 mm/r
Inch threads: 46	28–1/8 TPI	28–1/8 TPI	28–2 TPI	28–2 TPI
Module pitch: 42	0,5–112 MP	0,5–112 MP	0,5–7 MP	0,5–7 MP
Diametrial pitch: 45	56–4 DP	56–4 DP	56–4 DP	56–4 DP
Rapid longitudinal feed	4,5 m/min	4,5 m/min	4,5 m/min	4,5 m/min
Rapid cross feed	2 m/min	2 m/min	2 m/min	2 m/min
Max. tool size	25 x 25 mm	25 x 25 mm	25 x 25 mm	25 x 25 mm
Transverse slide travel	310 mm	310 mm	310 mm	310 mm
Compound rest travel	145 mm	145 mm	145 mm	145 mm
Tailstock ram travel	150 mm	150 mm	150 mm	150 mm
Tailstock taper	MT-5	MT-5	MT-5	MT-5
Capacity of steady rest	Ø 50–210 mm	Ø 50–210 mm	Ø 20–125 / 100–240 mm	Ø 20–125 / 100–240 mm
Capacity of follow rest	Ø 20 mm–110 mm	Ø 20 mm–110 mm	Ø 20 mm–100 mm	Ø 20 mm–100 mm
Width of lathe bed	405 mm	405 mm	405 mm	405 mm
Dimensions (LxWxH)	2980 x 1280 x 1410 mm	3480 x 1280 x 1410 mm	3500 x 1100 x 1450 mm	4500 x 1100 x 1450 mm
Weight	3000 kg	3250 kg	3870 kg	4250 kg

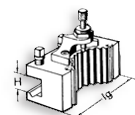
Accessories Metal lathe



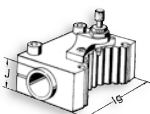
- 956600A** Multifix Quick change tool post size A installation set, inclusive 1 tool holder (GH-1440W-3)
- 956602A** Multifix Quick change tool post size B installation set, inclusive 1 tool holder (ZX-Models)
- 50000510** Multifix Quick change tool post size C installation set, inclusive 1 tool holder (ZH-Models)



- 956634** Tool holder size A, Multifix AD 2090 (GH-1440W-3)
- 956638** Tool holder size B, Multifix BD 25120 (ZX-Models)



- 956656** Boring bar holder size A, Multifix AH 2085 (GH-1440W-3)
- 956659** Boring bar holder size B, Multifix BH 32130 (ZX-Models)



- 956666** Bush holder size A, 30 mm Multifix AJ 3080 (GH-1440W-3)
- 956669** Bush holder size B, 40 mm Multifix BJ 40120 (ZX-Models)



- 321431** Single tool post (GHB-1330, GHB-1340A, GH-1440W-3)



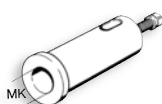
- 50000075** Double tool post (BD-3)



- 50000912** Quick change toolpost with 3 standard toolholders (BD-7)



- 50000914** 2-way toolpost (BD-7)



- 956715** Bush size A, 30 mm / MT-1 Multifix AL 130 (GH-1440W-3)
- 956716** Bush size A, 30 mm / MT-2 Multifix AL 230 (GH-1440W-3)
- 956720** Bush size B, 40 mm / MT-2 Multifix BL 240 (ZX-Models)
- 956721** Bush size B, 40 mm / MT-3 Multifix BL 340 (ZX-Models)
- 956722** Bush size B, 40 mm / MT-4 Multifix BL 440 (ZX-Models)



- 50000071** Turning tools 8x8 mm 11 pieces set (BD-3, BD-7)
- 50000094** Turning tools 10x10 mm 11 pieces set (BD-8, BD-920W)



- 50000909** Cutoff tool, 8x8 mm (BD-7, BD-3)

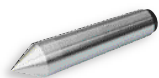
Accessories Metal lathe



465302 Live center MT-2 (BD-8, BD-920W)

Details see page: 45

465303 Live center MT-3 (GHB-1330, GHB-1340A, GH-1440W-3)



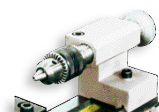
50000918 Dead center MT-2 short (BD-7)



50000076 Live center (BD-3)



50000917 Live center MT-2 short (BD-7)



50000079 Drill chuck 1-8mm (BD-3)



708343K 13 mm-drill chuck MT-2 (BD-8, BD-920W)

Details see page: 45



50000072 Steady rest (BD-3)



50000087 Follow rest (BD-8)



50000907 Follow rest (BD-7)



50000086 Steady rest (BD-8)

Details see page: 44



50000906 Steady rest (BD-7)

Details see page: 43

Accessories Metal lathe

Turning



50000913 Knurling tool (BD-7, BD-8, BD-920W)



50000919 Lathe dog, 10 mm (BD-3, BD-7, BD-8, BD-920W)



50000920 Vertical slide with vise (BD-7)



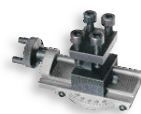
50000077 Wood tool rest with drive center (BD-3)



50000924 Wood toolrest with drive center (BD-7)



50000073 Auto feeder (BD-3)
Details see page: 42



50000074 Top slide (BD-3)
Details see page: 42



321442 Taper attachment 250 mm x 10° (GHB-1330, GHB-1340A)

321520 Taper attachment 250 mm x 10° (GH-1440W-3)

321291 Taper attachment 450 mm x 10° (ZX-Models)



50000090 Chip tray (BD-8)



50000091 Machine stand (BD-8)
Details see page: 44



321374 Machine stand (BD-920W)
Details see page: 45

Accessories Metal lathe



- 50000921** Collet chuck with collets 4, 6, 8, 10, 12, 14, 16 mm (BD-7)
- 50000093** Collet chuck with collets 4, 6, 8, 10, 12, 14, 16 mm (BD-8)



- 50000191** 5C collet chuck with key (GHB-1330, GHB-1340A, GH-1440W-3)
- 50000190** 5C collet set, 17 pcs. 3–25 mm



- 50000089** Clamping kit for face plate 50000088 (BD-8)
- 50000911** Clamping kit for face plate 50000910 (BD-7)



- 50000088** Face plate Ø 180 mm (BD-8)
- 50000910** Face plate Ø 160 mm (BD-7)



- 50000078** Face plate Ø 70 mm (BD-3)



- 50000916** 3-jaw chuck Ø 100 mm with flange (BD-7, BD-8)



- 321449** 3-jaw chuck Ø 160 mm, with base and reversing jaws (GHB-1330, GHB-1340A, GH-1440W-3)



- S07636** 4-jaw chuck Ø 250 mm, concentric, steel body, with base and reversing jaws (ZX-Models, ZH-Models)
- S07637** 4-jaw chuck Ø 250 mm, concentric, cast iron body, with base and reversing jaws (ZX-Models, ZH-Models)



- 321430** 4-jaw chuck Ø 200 mm, independent jaws (GHB-1330, GHB-1340A, GH-1440W-3)
- 50000915** 4-jaw chuck Ø 100 mm, independent jaws, with flange (BD-7, BD-8)

Technical details



Stock number (230V)	50000080M	50000900M	50000085M	321373M	–	–	–
Stock number (400V)	–	–	–	–	50000700T	50000710T	50000720T
Model	BD-3	BD-7	BD-8	BD-920W	GHB-1330	GHB-1340A	GH-1440W-3
Motor power input (230V)	260 W/S ₆ -40%	590 W/S ₆ -40%	1300 W/S ₆ -40%	980 W/S ₆ -40%	–	–	–
Motor power output (230V)	150 W/S ₁	370 W/S ₁	1000 W/S ₁	550 W/S ₁	–	–	–
Motor power input (400V)	–	–	–	–	2800 W/S ₆ -40%	2800 W/S ₆ -40%	4250 W/S ₆ -40%
Motor power output (400V)	–	–	–	–	1450 W/S ₁	1450 W/S ₁	2200 W/S ₁
Swing-Ø over bed (over bed gap)	100 mm	180 mm	210 mm	220 mm	330 mm	330 mm (max. 476 mm)	356 mm (max. 508 mm)
Center distance	150 mm	300 mm	450 mm	500 mm	760 mm	1015 mm	1015 mm
Feed rate	–	0,09 mm/r	0,045/0,125 mm/r	0,02–0,5 mm/r	0,04–0,8 mm/r	0,04–0,8 mm/r	0,04–0,6 mm/r
Speeds	100–3800 rpm	100–1200 rpm 300–3000 rpm	100–2000 rpm	6/110–1700 rpm	8/70–2000 rpm	8/70-2000 rpm	12/40-1800 rpm
Spindle taper	M14x1	MT-3	MT-3	MT-3	MT-5	MT-5	MT-5
Spindle nose	M14x1	–	–	D1-38 short taper	D1-4 (DIN 55029)	D1-4 (DIN 55029)	D1-4 (DIN 55029)
Spindle clearance	10 mm	20 mm	20 mm	20 mm	38 mm	38 mm	38 mm
Tailstock ram travel	23 mm	40 mm	40 mm	40 mm	95 mm	95 mm	120 mm
Tailstock taper	M14x1	MT-2 short	MT-2	MT-2	MT-3	MT-3	MT-3
Max. tool size	8x8 mm	8x8 mm	10x10 mm	12x12 mm	16x16 mm	16x16 mm	16x16 mm
Transverse slide travel	50 mm	65 mm	100 mm	125 mm	160 mm	160 mm	162 mm
Diameter over transverse slide	–	–	–	135 mm	197 mm	197 mm	216 mm
Compound rest travel	–	50 mm	70 mm	45 mm	70 mm	70 mm	89 mm
Metric threads	–	10/0,4–2 mm	17/0,25–3 mm	13/0,4–3,5 mm	23/0,45–10 mm/r	23/0,45–10 mm/r	22/0,4–7 mm/r
Inch threads	–	18/12–52TPI	10/8–24TPI	28/8–60TPI	32/3,5–80TPI	32/3,5–80TPI	28/4–56TPI
Width of lathe bed	–	–	–	–	187 mm	187 mm	267 mm
Dimensions (LxWxH)	440x270x210 mm	870x300x290 mm	1000x550x400 mm	940x510x500 mm	1650x762x1200 mm	1905x762x1200 mm	1873x750x1200 mm
Weight	13 kg	44 kg	94 kg	110 kg	600 kg	650 kg	995 kg
Page	42	43	44	45	46	46	47

Turning

Technical details



Stock number	50000730T	50000750T	50000775T	50000831T	50000832T	50000790T	50000795T
Model	GH-1640ZX	GH-1860ZX	GH-2280ZX	GH-2060ZH	GH-2080ZH	GH-2680ZH	GH-26120ZH
Motor power input	8800 W / S _e 40%	8800 W / S _e 40%	11,7 kW / S _e 40%	12 kW / S _e 40%	12 kW / S _e 40%	12 kW / S _e 40%	12 kW / S _e 40%
Motor power output	5600 W / S _i 100%	5600 W / S _i 100%	7500 W / S _i 100%	7500 W / S _i 100%	7500 W / S _i 100%	7500 W / S _i 100%	7500 W / S _i 100%
Swing-Ø over bed	406 mm	460 mm	560 mm	500 mm	500 mm	660 mm	660 mm
Swing-Ø over bed gap max.	657 mm	698 mm	775 mm	720 mm	720 mm	870 mm	870 mm
Center distance	1015 mm	1524 mm	2032 mm	1530 mm	2030 mm	2030 mm	3050 mm
Longitudinal feed (l/r): 122	0,038-2,3 mm/r	0,038-2,3 mm/r	0,038-2,3 mm/r	0,063-6,43 mm/r	0,063-6,43 mm/r	0,063-2,52 mm/r	0,063-2,52 mm/r
Transversal feed (l/r): 122	0,015-0,9 mm/r	0,015-0,9 mm/r	0,015-0,9 mm/r	0,027-2,73 mm/r	0,027-2,73 mm/r	0,027-1,07 mm/r	0,027-1,07 mm/r
Diameter over transverse slide	254 mm	280 mm	350 mm	310 mm	310 mm	420 mm	420 mm
Bed gap section length	310 mm	310 mm	310 mm	210 mm	210 mm	240 mm	240 mm
Spindle passage	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 105 mm	Ø 105 mm
Spindle taper	MT-7 (MT-5)	MT-7 (MT-5)	MT-7 (MT-5)	MT-7	MT-7	Ø 113 mm 1:20	Ø 113 mm 1:20
Spindle port: Camlock	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)	D1-8 (DIN 55029)
Speeds	25-1800 rpm	25-1800 rpm	25-1800 rpm	9-1600 rpm	9-1600 rpm	36-1600 rpm	36-1600 rpm
Metric threads	0,5-20 mm/r	0,5-20 mm/r	0,5-20 mm/r	1-224 mm	1-224 mm/r	1-14 mm/r	1-14 mm/r
Inch threads	72"-1 5/8" TPI	72"-1 5/8" TPI	72"-1 5/8" TPI	28-1/8 TPI	28-1/8 TPI	28-2 TPI	28-2 TPI
Module pitch	0,25-10 MP	0,25-10 MP	0,25-10 MP	0,5-112 MP	0,5-112 MP	0,5-7 MP	0,5-7 MP
Diametrial pitch: 45	96-3 1/4 DP	96-3 1/4 DP	96-3 1/4 DP	56-4 DP	56-4 DP	56-4 DP	56-4 DP
Rapid longitudinal feed	-	-	5 m/min	4,5 m/min	4,5 m/min	4,5 m/min	4,5 m/min
Rapid cross feed	-	-	-	2 m/min	2 m/min	2 m/min	2 m/min
Max. tool size	25 x 25 mm	25 x 25 mm	25 x 25 mm	25 x 25 mm	25 x 25 mm	25 x 25 mm	25 x 25 mm
Transverse slide travel	228 mm	228 mm	280 mm	310 mm	310 mm	310 mm	310 mm
Compound rest travel	130 mm	130 mm	130 mm	145 mm	145 mm	145 mm	145 mm
Tailstock ram travel	124 mm	124 mm	124 mm	150 mm	150 mm	150 mm	150 mm
Tailstock taper	MT-4	MT-5	MT-5	MT-5	MT-5	MT-5	MT-5
Capacity of steady rest	12 mm-178 mm	12 mm-178 mm	12 mm-178 mm	Ø 50-210 mm	Ø 50-210 mm	Ø 20-125 / 100-240 mm	Ø 20-125 / 100-240 mm
Capacity of follow rest	15 mm-90 mm	15 mm-90 mm	15 mm-90 mm	Ø 20 mm-110 mm	Ø 20 mm-110 mm	Ø 20 mm-100 mm	Ø 20 mm-100 mm
Width of lathe bed	340 mm	340 mm	340 mm	405 mm	405 mm	405 mm	405 mm
Dimensions (LxWxH)	2462 x 1016 x 1220 mm	2960 x 1016 x 1241 mm	3320 x 1040 x 1400 mm	2980 x 1280 x 1410 mm	3480 x 1280 x 1410 mm	3500 x 1100 x 1450 mm	4500 x 1100 x 1450 mm
Weight	2120 kg	2628 kg	3100 kg	3000 kg	3250 kg	3870 kg	4250 kg
Page	48-49	48-49	48-49	50-51	50-51	50-51	50-51

A close-up, artistic photograph of a grinding wheel and a drill bit. The grinding wheel is on the right, and the drill bit is on the left. The image is heavily textured with fine, concentric lines, suggesting the high-speed rotation and grinding process. The lighting is dramatic, highlighting the metallic surfaces and the sharp edges of the tools.

Grinding

Belt- and bench grinders from JET suitable for all kinds of metal grinding applications – Robust and solid construction, proven, high-performance drives and optimum speeds guarantee clean and precise work results – Simple machine operation, precise fine adjustment and high-level operating safety – A wide range of user options and unbeatable value for money – Accessories supplied as standard or available as extras

Overview Grinding



MBG-75 / MBG-75 DC – Metal belt grinder, 75x500mm

60



MBG-150 / MBG-150DC – Metal belt grinder, 150x500mm

61



JBG-150 / JBG-200 – Bench grinder, Ø 150 x 20 mm / Ø 200 x 25 mm

62



JBG-10A – Bench grinder, Ø 250 x 25 mm

63



Accessories – Technical details

64-65

MBG-75 / MBG-75DC – Metal belt grinder

- Robust machine construction-Grinding unit tiltable -20°–+40°
- Powerful induction motor-suitable for continuous operation
- Motor with overload protection
- Rubber wheels for quiet operation and full power transmission
- Belt cover with open rear end allows grinding of long workpieces

Included in delivery

- 2 dust ports 60 mm (MBG-75)
- Integrated dust collection system (MBG-75DC)
- Abrasive belt, aluminum oxide-60G
- Adjustable tool rest
- Large eye shield

Stock number	50000370T	50000371T
Model	MBG-75	MBG-75DC
Power	5600 W / 400V	5600 W / 400V
Grinding width max.	75 mm	75 mm
Grinding length max.	500 mm	500 mm
Belt speed	30 m/sec.	30 m/sec.
Dust collection air flow	-	1000 m ³ /h
Weight	90 kg	135 kg

Details see page: 65



Quick-release tension mechanism for easy belt changing



Integrated dust collection system (MBG-75DC)

Accessories

- **50000375** Abrasive belt, 75x2000 mm, aluminum oxide-40G
- **50000376** Abrasive belt, 75x2000 mm, aluminum oxide-60G
- **50000377** Abrasive belt, 75x2000 mm, aluminum oxide-80G

Details see page: 64

MBG-150/MBG-150DC – Metal belt grinder

- Robust machine construction -Grinding unit tiltable -20°– +40°
- Powerful induction motor-suitable for continuous operation
- Motor with overload protection
- Rubber wheels for quiet operation and full power transmission
- Belt cover with open rear end allows grinding of long workpieces

Included in delivery

- 2 dust ports 60 mm (MBG-150)
- Integrated dust collection system (MBG-150DC)
- Abrasive belt, aluminum oxide-60G
- Adjustable tool rest
- Large eye shield

Stock number	50000372T	50000373T
Model	MBG-150	MBG-150DC
Power	5600 W / 400V	5600 W / 400V
Grinding width max.	150 mm	150 mm
Grinding length max.	500 mm	500 mm
Belt speed	30 m/sec.	30 m/sec.
Dust collection air flow	-	1000 m³/h
Weight	110 kg	150 kg

Details see page: 65



Quick-release tension mechanism for easy belt changing



Integrated dust collection system (MBG-150DC)

Accessories

- **50000380** Abrasive belt, 150 x 2000 mm, aluminum oxide-40G
- **50000381** Abrasive belt, 150 x 2000 mm, aluminum oxide-60G
- **50000382** Abrasive belt, 150 x 2000 mm, aluminum oxide-80G

Details see page: 64

JBG-150/JBG-200 – Bench grinder

- Totally enclosed, pre-lubricated ball bearings
- Cast iron motor housing
- Adjustable tool rests

Included in delivery

- Machine light
- Spark guards
- Large eye shields
- One coarse and one fine aluminium oxide grinding wheel for grinding and sharpening tasks

Stock number	577901M	577902M
Model	JBG-150	JBG-200
Power	450 W/230V	650 W/230V
Wheel	Ø 150 x 20 mm	Ø 200 x 25 mm
Shaft diameter	Ø 12,7 mm	Ø 16 mm
Wheel grits	36/60 G	36/60 G
Wheel speed	2850 rpm	2850 rpm
Weight	10 kg	17 kg

Details see page: 65



Grinding



Large eye shields and spark guards



Adjustable tool rests

Accessories

- 577172 Pedestal stand 280 x 255 x 790 mm

Details see page: 64

JBG-10A – Bench grinder

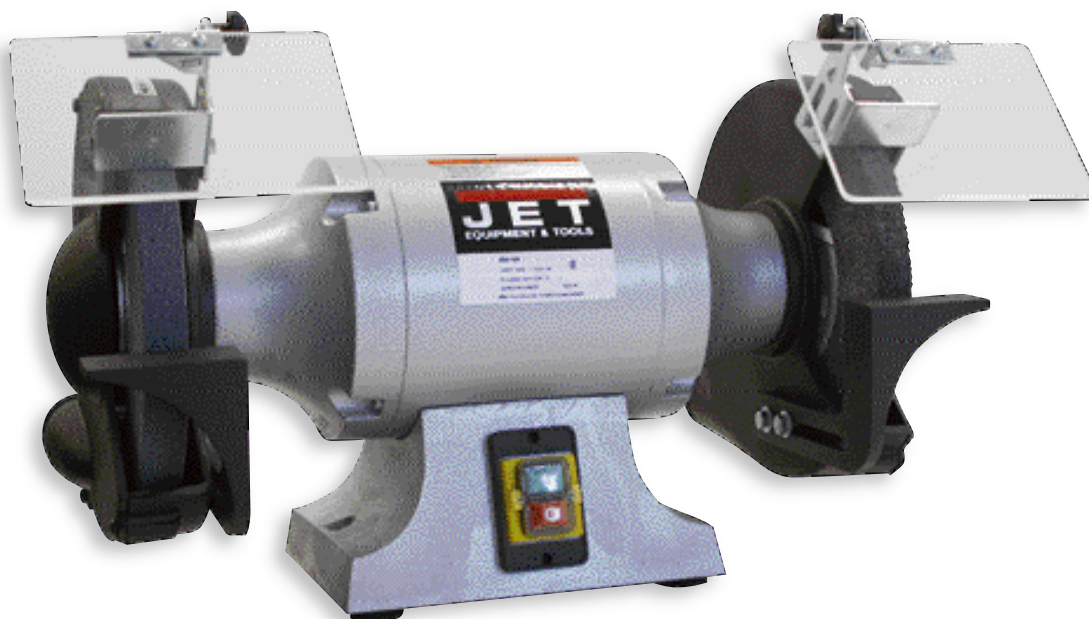
- Industrial quality motor, rugged machine design
- Totally enclosed, pre-lubricated ball bearings
- Rubber mounts prevent movement

Included in delivery

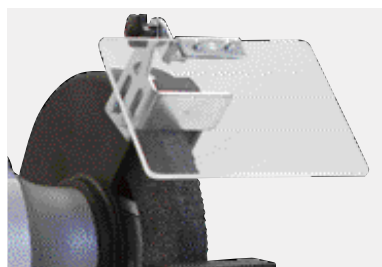
- Cast iron wheel guards with dust ports
- Spark guards
- Large eye shields with quick adjustment
- Adjustable tool rests
- One coarse and one fine aluminium oxide grinding wheel for grinding and sharpening tasks

Stock number	577103M	577103T
Power	1800W/230V	2800W/400V
Wheel	Ø 250 x 25 mm	Ø 250 x 25 mm
Shaft diameter	Ø 25,4 mm	Ø 25,4 mm
Wheel grits	24 / 46 G	24 / 46 G
Wheel speed	1450 rpm	1450 rpm
Weight	50 kg	50 kg

Details see page: 65



Grinding



Large eye shields with quick adjustment



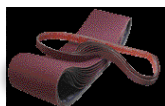
Adjustable tool rests

Accessories

- 577172 Pedestal stand 280 x 255 x 790 mm

Details see page: 64

Accessories Grinding



Abrasive belts for MBG-75 / MBG-75DC

50000375 Abrasive belt, 75 x 2000 mm, aluminum oxide-40G

50000376 Abrasive belt, 75 x 2000 mm, aluminum oxide-60G

50000377 Abrasive belt, 75 x 2000 mm, aluminum oxide-80G

Details see page: 60

Abrasive belts for MBG-75 / MBG-75DC

50000380 Abrasive belt, 150 x 2000 mm, aluminum oxide-40G

50000381 Abrasive belt, 150 x 2000 mm, aluminum oxide-60G

50000382 Abrasive belt, 150 x 2000 mm, aluminum oxide-80G

Details see page: 61



577172 Pedestal stand 280 x 255 x 790 mm

Details see page: 62, 63

Technical details



Stock number (230V)	-	-	-	-	577901M	577902M	577103M
Stock number (400V)	50000370T	50000371T	50000372T	50000373T	-	-	577103T
Model	MBG-75	MBG-75DC	MBG-150	MBG-150DC	JBG-150	JBG-200	JBG-10A
Motor power input (230V)	-	-	-	-	445 W	670 W	1900 W
Motor power output (230V)	-	-	-	-	260 W	370 W	1100 W
Motor power input (400V)	5600 W / S ₆ -40%	5600 W / S ₆ -40%	5600 W / S ₆ -40%	3700 W / S ₆ -40%	-	-	2800 W / S ₆ -40%
Motor power output (400V)	3700 W / S ₁	3700 W / S ₁	3700 W / S ₁	3700 W / S ₁	-	-	1450 W / S ₁
Grinding width max.	75 mm	75 mm	150 mm	150 mm	-	-	-
Grinding length max.	500 mm	500 mm	500 mm	500 mm	-	-	-
Belt speed	30 m/sec.	30 m/sec.	30 m/sec.	30 m/sec.	-	-	-
Dust collection motor power	-	375 W	-	375 W	-	-	-
Dust collection air flow	-	1000 m ³ /h	-	1000 m ³ /h	-	-	-
Abrasive belt size	75 x 2000 mm	75 x 2000 mm	150x2000mm	150x2000mm	-	-	-
Wheel diameter x width	-	-	-	-	150 x 20 mm	200 x 25 mm	250 x 25 mm
Shaft diameter	-	-	-	-	12,7 mm (1/2")	16 mm (5/8")	25,4 mm (1")
Wheel speed	-	-	-	-	2850 rpm	2850 rpm	1450 rpm
Wheel grits	-	-	-	-	36 / 60	36 / 60	24 / 46
Dimensions (LxWxH)	950 x 550 x 1050 mm	950 x 650 x 1050 mm	950 x 580 x 1050 mm	950 x 650 x 1050 mm	430 x 200 x 265 mm	440 x 230 x 290 mm	620 x 330 x 310 mm
Weight	90 kg	135 kg	110 kg	150 kg	10 kg	17 kg	50 kg
Page	60	60	61	61	62	62	63

A large industrial sheet metalworking machine, likely a press brake, is shown in a close-up view. A person's hand is visible on the right side, interacting with the machine. The machine has a complex structure with rollers and a large metal sheet being processed. The background is a blurred industrial setting.

Sheet metalworking

Cutting, folding, bending, deburring, beading, flattening, twisting and notching – A JET solution for every application – Clockwise and anti-clockwise operation, counterbalances, quick-release facilities, clamping stops and precise measurement scales guarantee simple, smooth and efficient operation – Ideal for various materials, industrial, training and handcraft work – Wide range of options for the user and unbeatable value for money – Accessories supplied as standard or available as extras

Overview Sheet metalworking



SBR-30N – Combination shear, brake and roll, 0,55–3 mm / 760 mm

68



SBR-40N – Combination shear, brake and roll, 0,55–3 mm / 1015 mm

69



BP-1650N – Bench hand brake, 0,9–5 mm / 1270 mm

70



FS-1652N – Foot Shear, 0,9–5 mm / 1320 mm

71



SBR-8 – Shear and brake, 1,0–2,5 / 200 mm

72



RM-22N – Bench rotary machine, 0,45–2,3 mm / 178 mm

72



HN-16N – Hand notcher, 0,9–5 mm / 175 mm

73



SS-5N / SS-6N / SS-8N / SS-12N – Hand slitting shears, 4–5 mm / 120–300 mm

73



AP-0 / AP-1 / AP-2 / AP-3 / AP-5 – Arbor presses, 100–460 mm / 0,5–5 t

74



Accessories – Technical details

75

SBR-30N – Combination shear, brake and roll

- Combination shear, brake and roll in one compact machine
- Right or left hand operation
- Shear can be used for mild steel, aluminum, brass, copper, lead, plastic and zinc
- Brake is equipped with easily removable fingers that permit angle, channel, box and other complex bending operations
- Slip rolls are precision turned and ground with wire grooves

Included in delivery

- Set of male dies, one female die
- Dual edge shear blade
- Spring-loaded work hold down
- Back gauge

Stock number	754031
Max. shear, bend-, roll-length	760 mm
Max. mild-steel, copper	0,9 mm
Min. forming radius	19 mm
Width of upper dies	25/50/75/150/200 mm
Slip roll diameter	38 mm
Weight	145 kg

Details see page: 75



Shear



Brake

Accessories

- 754030 Stand for SBR-30N

Details see page: 75

SBR-40N – Combination shear, brake and roll

- Combination shear, brake and roll in one compact machine
- Right or left hand operation
- Shear can be used for mild steel, aluminum, brass, copper, lead, plastic and zinc
- Brake is equipped with easily removable fingers that permit angle, channel, box and other complex bending operations
- Slip rolls are precision turned and ground with wire grooves

Included in delivery

- Set of male dies, one female die
- Dual edge shear blade
- Spring-loaded work hold down
- Back gauge

Stock number	754041
Max. shear, bend-, roll-length	1015 mm
Max. mild-steel, copper	0,9 mm
Min. forming radius	25 mm
Width of upper dies	25/38/50/63/100/ 175/250/380 mm
Slip roll diameter	41 mm
Weight	260 kg

Details see page: 75



Brake



Roll

Accessories

- 754040 Stand for SBR-40N

Details see page: 75

BP-1650N – Bench hand brake

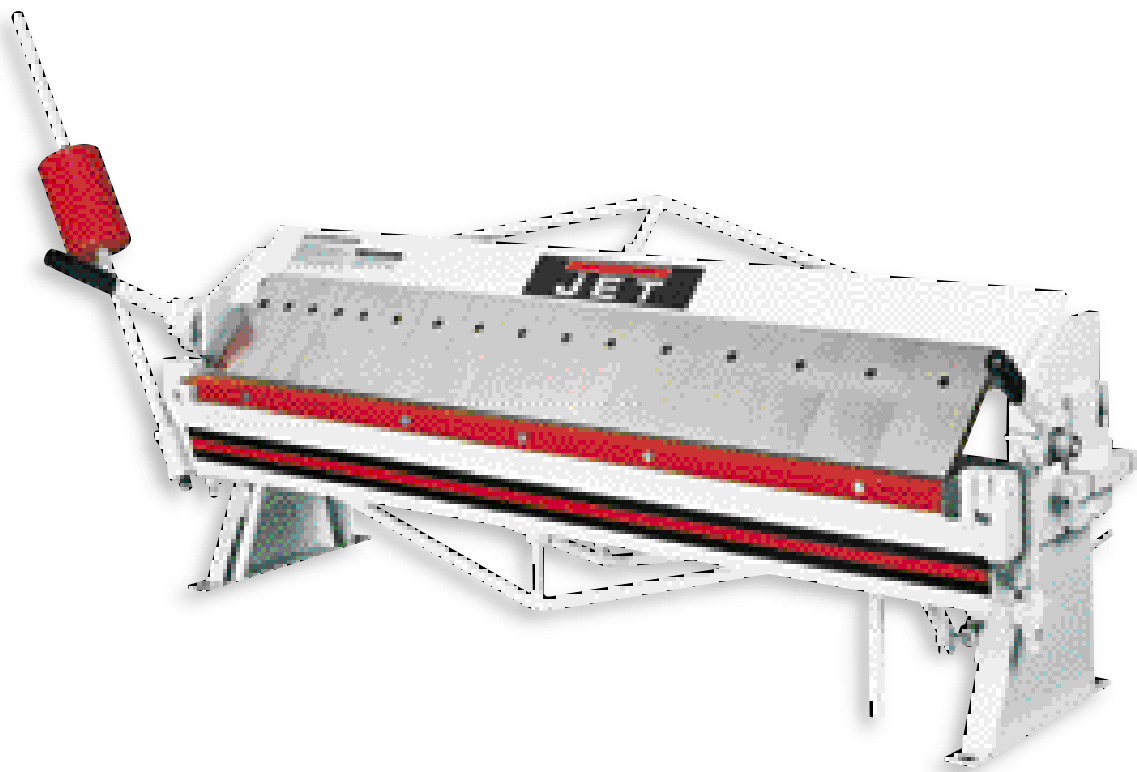
- Incorporates all the features of a standard hand brake but with greater range of applications
- With fingers installed it can be used as a full-length nose bar, turning the machine into a straight bending brake
- Sectioned fingers are easily removed for box bending and special forming operations

Included in delivery

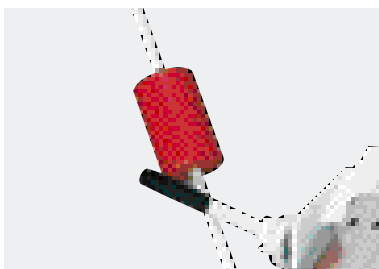
- 16 assorted size section fingers

Stock number	754118
Bending length capacity	1270 mm
Max. mild-steel, copper	1,6 mm
Max. box depth	100 mm
Number and width of fingers	5 x 50 / 6 x 75 / 5 x 100 mm
Finger nose angle	45°
Weight	210 kg

Details see page: 75



Sheet metalworking



Counter balanced for easy bending



16 assorted size section fingers

Accessories

- 754051 Stand

Details see page: 75

FS-1652N – Foot Shear

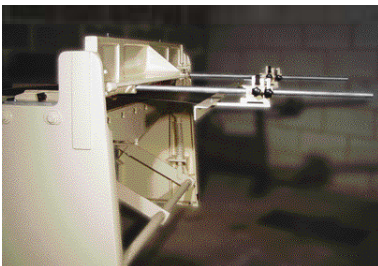
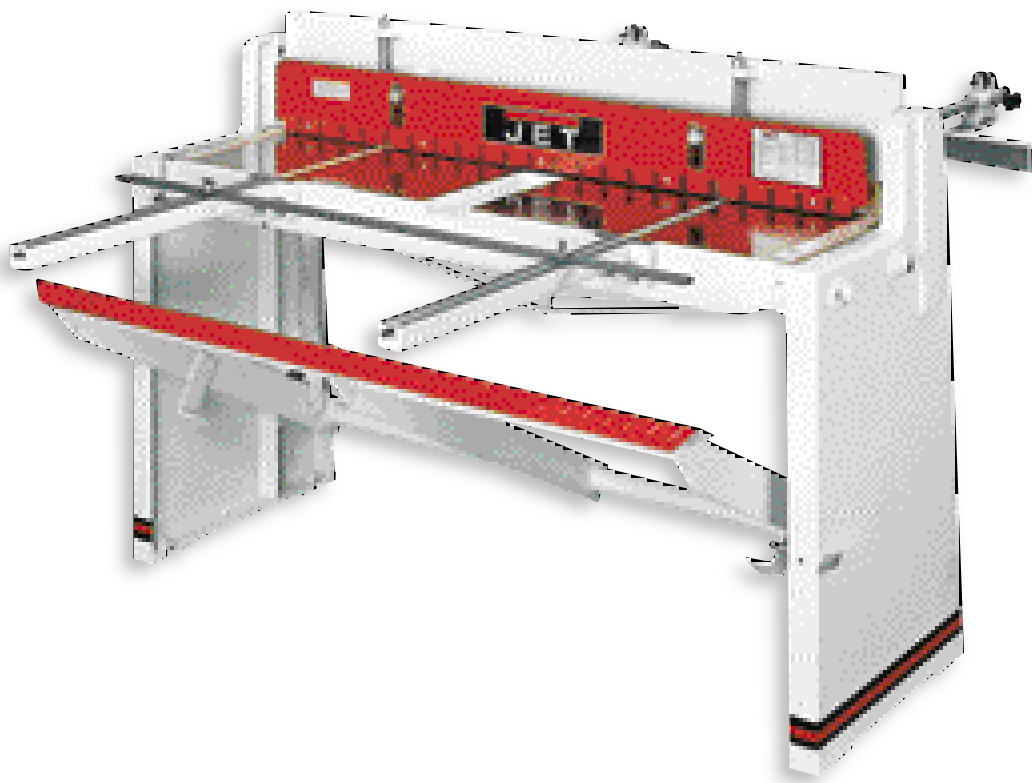
- Ideal for precision shearing of mild steel up to 1.6 mm
- Can also be used on aluminum, brass, copper, lead, plastic and zinc
- Two-way blade configuration provides twice the cutting life
- Two-way blade at the top, one-way blade at the bottom
- 2° angle cutting edge, 1° face relief

Included in delivery

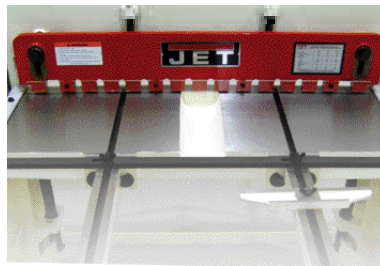
- Front material support
- Front gauge
- Back gauge with micro adjustment

Stock number	754652
Max. length capacity	1320 mm
Max. mild-steel, copper	1,6 mm
Back gauge capacity	645 mm
Front gauge capacity	710 mm
Dimensions (LxWxH)	1590 x 540 x 1050 mm
Weight	460 kg

Details see page: 75



Back gauge with micro adjustment



Front material support and gauge allows precise sheetmetal positioning

SBR-8 – Shear and brake

- Combination shear and break in one compact machine
- Shear can be used for mild steel, aluminium, brass, copper, lead, plastic and zinc
- Two-way blade configuration provides twice the cutting life

Included in delivery

- Front gauge for brake
- Front gauge for shear

Stock number	50000095
Max. length capacity	200 mm
Max. mild-steel, copper	1,0 mm
Min. Break distance	8mm
Dimensions (LxWxH)	360 x 220 x 250 mm
Weight	15 kg

Details see page: 75

RM-22N – Bench rotary machine

- Long throat makes unit highly versatile
- Performs burring, edging, elbowing, flanging, flattening and turning
- Adjustable roll pressure by means of top mounted hand crank
- Can be used in both forward and reverse
- Operation is smooth fast and precise

Included in delivery

- Table mount with clamp
- Six interchangeable rolls with bore Ø21.4 mm

Stock number	754022
Distance to column	178 mm
Max. mild-steel, copper	0,8 mm
Distance between shaft centers	50 mm
Dimensions (LxWxH)	460 x 200 x 405 mm
Weight	29 kg

Details see page: 75



HN-16N – Hand notcher

- Made of cast iron
- Capable of notching virtually any shearable material
- Can notch angles of more than 90° through a two step process
- Easy-to-read front gauges
- Heavy-duty cutting blade

Included in delivery

- Adjustable work stops

Stock number	754016
Max. notch	175 mm
Max. Mild-steel, copper	1,6 mm
Stroke	19 mm
Dimensions (LxWxH)	610 x 530 x 660 mm
Weight	72 kg

Details see page: 75



Accessories

- 754017 Stand

Details see page: 75

SS-5N / SS-6N / SS-8N / SS-12N – Hand slitting shears

- Capable of shearing sheet steel, steel bars and rods plus many non-metallic materials
- Replaceable high quality stainless steel blades are hardened and tempered for maximum service life
- An adjustable hold down clamp aids in securing material
- Compound leverage allows the operator to easily perform work within shears' rated capacity
- Robust construction

Included in delivery

- Operating lever
- Hold down clamp

Stock number	754105S	754106S	754108S	754112S
Model	SS-5N	SS-6N	SS-8N	SS-12N
Max. sheet capacity (St37)	4 mm	5 mm	5 mm	5 mm
Flat capacity steel (St37)	70 x 5 mm	70 x 6 mm	70 x 7 mm	70 x 6 mm
Round capacity steel (St37)	Ø 10 mm	Ø 11 mm	Ø 13 mm	Ø 13 mm
Blade length	120 mm	160 mm	200 mm	300 mm
Dimensions (LxWxH)	390 x 175 x 430 mm	400 x 175 x 430 mm	430 x 175 x 430 mm	560 x 175 x 430 mm
Weight	10 kg	13 kg	25 kg	29 kg

Details see page: 75



AP-0/AP-1/AP-2/AP-3/AP-5 – Arbor presses

- For all production and assembly applications
- Precision machined steel rams and pinions for accurate operation
- Tables and slotted table-plates are flat and parallel to provide accurate support

Stock number	333606	333611	333621	333631	333651
Model	AP-0	AP-1	AP-2	AP-3	AP-5
Distance spindle column	85 mm	102 mm	145 mm	137 mm	216 mm
Working capacity above table	100 mm	125 mm	185 mm	290 mm	460 mm
Tons pressure	0,5t	1t	2t	3t	5t
Ram bore	Ø9,5 mm	Ø9,5 mm	Ø12,7 mm	Ø12,7 mm	Ø12,7 mm
Dimensions (LxWxH)	240 x 100 x 250 mm	275 x 125 x 305 mm	430 x 160 x 410 mm	460 x 215 x 550 mm	660 x 250 x 860 mm
Weight	8,5 kg	11,6 kg	31 kg	49 kg	120 kg

Details see page: 75



Accessories – Technical details



754030 Stand for SBR-30N
754040 Stand for SBR-40N
 Details see page: 68, 69

754051 Stand for BP-1650N
 Details see page: 70
754017 Stand for HN-16N
 Details see page: 73



Stock number	754031	754041	754118	754652	5000095
Model	SBR-30N	SBR-40N	BP-1650N	FS-1652N	SBR-8
Max. sheet capacity					
- Stainless steel	0,55 mm	0,55 mm	0,9 mm	0,9 mm	0,55 mm
- Steel St 37, C15	0,6 mm	0,6 mm	1,0 mm	1,0 mm	0,6 mm
- Mild-steel, copper, brass	0,9 mm	0,9 mm	1,6 mm	1,6 mm	0,9 mm
- Mild-copper, aluminium alloy	1,25 mm	1,25 mm	1,8 mm	1,8 mm	1,25 mm
- Mild-aluminum, Zinc	1,6 mm	1,6 mm	2,5 mm	2,5 mm	1,6 mm
- Polycarbonat PC	1,9 mm	1,9 mm	3 mm	3 mm	1,9 mm
- ABS	3 mm	3 mm	5 mm	5 mm	2,5 mm
Max. shearing length	760 mm	1015 mm	-	1320 mm	200 mm
Max. bending length	760 mm	1015 mm	1270 mm	-	200 mm
Max. rolling length	760 mm	1015 mm	-	-	-
Size of slip roll	Ø 38 mm	Ø 41 mm	-	-	-
Width of upper dies	25, 50, 75, 150, 200 mm	25, 38, 50, 63, 100, 175, 250, 380 mm	-	-	-
Upper die height	115 mm	95 mm	-	-	-
Min. rolling radius	19 mm	25 mm	-	-	-
Wire grooves	Ø 3,2 / 4,7 / 6,3 mm	Ø 3,2 / 4,7 / 6,3 mm	-	-	-
Max. box depth	-	-	100 mm	-	-
Max. lift of beam	-	-	38 mm	-	-
Beam adjustment	-	-	16 mm	-	-
Number and width of fingers	-	-	5x50 / 6x75 / 5x100 mm	-	-
Finger nose angle	-	-	45°	-	-
Finger nose radius	-	-	0,8 mm	-	-
Back gauge capacity	-	-	-	645 mm	-
Front gauge capacity	-	-	-	710 mm	80 mm
Dimensions (LxWxH)	1080 x 255 x 710 mm	1470 x 560 x 840 mm	1600 x 530 x 760 mm	1590 x 540 x 1050 mm	360 x 220 x 250 mm
Weight	145 kg	260 kg	210 kg	460 kg	15 kg
Page	68	69	70	71	72



Stock number (230V)	754022	754016
Model	RM-22N	HN-16N
Max. sheet capacity		
- Stainless steel	0,45 mm	0,9 mm
- Stahl St 37, C15	0,5 mm	1,0 mm
- Mild-steel, copper, brass	0,75 mm	1,6 mm
- Mild-copper, aluminium alloy	0,9 mm	1,8 mm
- Mild-aluminum, Zinc	1,3 mm	2,5 mm
- Polycarbonat PC	1,6 mm	3 mm
- ABS	2,3 mm	5 mm
Distance between shaft centers	50 mm	-
Distance to column	178 mm	-
Max. notch	-	175 mm
Stroke	-	19 mm
Dimensions (LxWxH)	460 x 200 x 405 mm	610 x 530 x 660 mm
Weight	29 kg	72 kg
Page	72	73

Stock number (230V)	754105S	754106S	754108S	754112S	333606	333611	333621	333631	333651
Model	SS-5N	SS-6N	SS-8N	SS-12N	AP-0	AP-1	AP-2	AP-3	AP-5
Sheet capacity steel (St37)	4 mm	5 mm	5 mm	5 mm	-	-	-	-	-
Flat capacity steel (St37)	70x5 mm	70x6 mm	70x7 mm	70x6 mm	-	-	-	-	-
Round capacity steel (St37)	Ø 10 mm	Ø 11 mm	Ø 13 mm	Ø 13 mm	-	-	-	-	-
Blade length	120 mm	160 mm	200 mm	300 mm	-	-	-	-	-
Distance spindle column	-	-	-	-	85 mm	102 mm	145 mm	137 mm	216 mm
Working capacity above table	-	-	-	-	100 mm	125 mm	185 mm	290 mm	460 mm
Tons pressure	-	-	-	-	0,5t	1t	2t	3t	5t
Ram bore	-	-	-	-	Ø 9,5 mm	Ø 9,5 mm	Ø 12,7 mm	Ø 12,7 mm	Ø 12,7 mm
Dimensions (LxWxH)	390 x 175 x 430 mm	400 x 175 x 430 mm	430 x 175 x 430 mm	560 x 175 x 460 mm	240 x 100 x 250 mm	275 x 125 x 305 mm	430 x 160 x 410 mm	460 x 215 x 550 mm	660 x 250 x 860 mm
Weight	10 kg	13 kg	25 kg	29 kg	8,5 kg	11,6 kg	31 kg	49 kg	120 kg
Page	73	73	73	73	74	74	74	74	74



Accessories

Roller tables or stands, scissors elevating platforms and pallet trucks can be used in a wide range of applications directly or indirectly in combination with all JET metalworking machines

Overview Accessories



RFC-4513 – Flexible roller stand table, max. 130 kg

78



MRT-2000 – Roller stand table, max. 400 kg

78



HRS – Heavy duty roller stand, max. 200 kg

78



HRS-V – Heavy duty roller stand, max. 200 kg

78



709207 – Foldable roller stand, max. 70 kg

78



SLT-660FH – Scissor lift table, max. 300 kg

79



PT-2048W – Premium hand pallet truck, max. 2500 kg

79



Accessories – Digital display and linear scale

80

Roller table / Roller stand

RFC-4513 – Flexible roller stand table

- Can variably be adjusted in height and length
- Robust construction for many applications



Stock number	52000130
Roller dimensions	9 x Ø 50 x 480 mm
Length	520 – 1400 mm
Width	600 mm
Height	620 – 940 mm
Max. load capacity	130 kg
Weight	36 kg

MRT-2000 Roller stand table

- For efficient material feeding
- Steel rollers can handle heavy loads
- Can variably be adjusted in height
- For multifunctional use



Stock number	52000120
Roller dimensions	7 x Ø 60 x 360 mm
Length	1950 mm
Width	450 mm
Height	650 – 1000 mm
Max. load capacity	400 kg
Weight	40 kg

HRS Heavy duty roller stand

- Steel rollers can handle heavy loads
- Heavy 3-leg cast iron construction



Stock number	52000140
Roller dimensions	Ø 52 x 350 mm
Height	640 – 950 mm
Max. load capacity	200 kg
Weight	15 kg

HRS-V Heavy duty roller stand

- Steel rollers can handle heavy loads
- Heavy 3-leg cast iron construction



Stock number	52000100
Roller dimensions	Ø 52 x 140 mm
Height	600 – 950 mm
Max. load capacity	200 kg
Weight	15 kg

709207 Roller stand

- Foldable roller stand



Stock number	709207
Roller dimensions	Ø 35 x 330 mm
Height	710 – 1090 mm
Max. load capacity	70 kg
Weight	5,5 kg

Accessories

Scissor lift table / Premium hand pallet truck

SLT-660FH – Scissor lift table

- Easy-to-use hydraulic foot pump raises table to multiple heights
- Safety overload and top-of-stroke bypass system provides maximum pump protection
- Patent pending pump release handle, feature fold-down handles



Stock number	141777
Max. load capacity	300 kg
Height	270 – 825 mm
Table length	825 mm
Table width	500 mm
Handle height	960 mm
Weight	71 kg

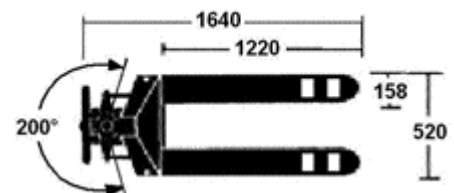
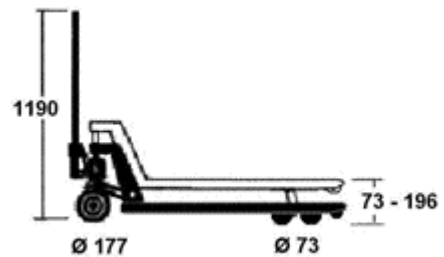


PT-2048W – Premium hand pallet truck

- Extreme control comfort featuring large, ergonomic handles, fingertip control and a 200° steering arc
- The handle automatically returns to a vertical position
- Load-tested hydraulic pump unit made in one casting, high-quality seals, hardened and chromeplated hydraulic cylinder
- Steering wheels with polyurethane coating for silent operation
- Polyamide load rollers with maintenance-free rolling bearings



Stock number	140072
Max. load capacity	2500 kg
Lifting height	73 – 196 mm
Fork length	1220 mm
Fork width	520 mm
Handle height	1190 mm
Weight	80 kg

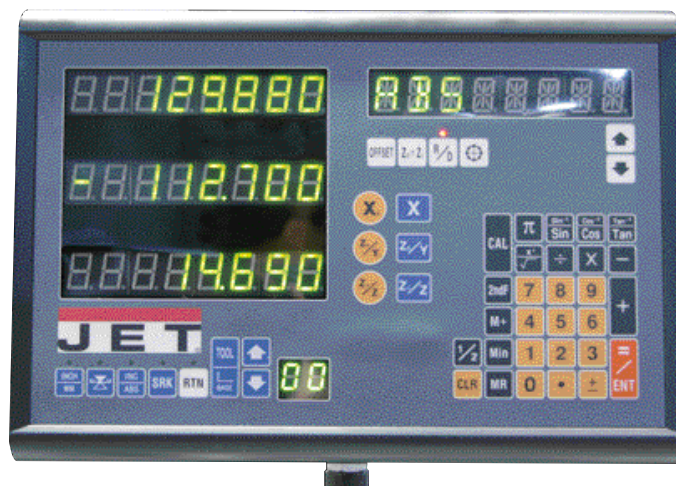


Accessories – Digital display and linear scales

Digital display

As new addition or for retrofitting machine tools

- More accuracy
- Lower error rate
- Increased manufacturing safety
- Significant time savings
- Increased productivity
- Easy to read display
- Operator-specific features
- Convenient keyboard layout
- Resolution: 0.01 / 0.005 mm
- Default coordinates
- Axis position is maintained when display is turned off
- Hole circle pattern calculation
- Pocket calculator feature
- Storage for 10 tools
- Radius / diameter toggle
- mm/inch conversion
- Easy expansion and maintenance-free operation
- Display for top (Z0) and bedway slide (Z1) both separate and in differential / cumulative mode for lathes
- Dimension 260 x 180 x 45 mm



51000200M

3 axes digital display 110-230V, swivel support supplied standard

Linear scales



Linear scale (S) Small

51000290	50 mm	51000310	150 mm
51000300	100 mm	51000320	200 mm



Linear scale (M) Medium

51000301	100 mm	51000390	550 mm
51000311	150 mm	51000400	600 mm
51000321	200 mm	51000410	650 mm
51000330	250 mm	51000420	700 mm
51000340	300 mm	51000430	750 mm
51000350	350 mm	51000440	800 mm
51000360	400 mm	51000450	850 mm
51000370	450 mm	51000460	900 mm
51000380	500 mm		



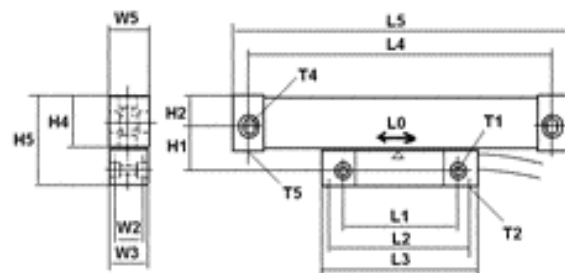
Linear scale (L) Large

51000431	750 mm	51000530	1500 mm
51000470	950 mm	51000540	1600 mm
51000480	1000 mm	51000570	1900 mm
51000490	1100 mm	51000580	2000 mm
51000500	1200 mm	51000590	2100 mm
51000520	1400 mm	51000640	3000 mm



Assemble accessories

51000720	JTM-1050VS	51000760	GH-1640ZX
51000730	GH-1330	51000780	GH-1860ZX
51000740	GH-1340A	51000800	GH-2280ZX
51000750	GH-1440W-3	51000810	JMD-45PFD



	S	M	L
L1	56	60	60
L2	-	68	60
L3	70	76	90
L4	L0 + 102	L0 + 114	L0 + 142
L5	L0 + 112	L0 + 128	L0 + 162
H1	25.2	30	31.5
H2	10	16	27
H4	20	31.5	50
H5	43	52.5	80.5
W2	-	-	27
W3	14	22	37
W5	18	23,5	38
T1	M5 / Ø4	M6 / Ø5	M6 / Ø5
T2		M4	M5 (4x)
T4	Ø5	Ø6	Ø7
T5	Ø5	Ø6	Ø7

Accessories

Please fill in your address and send the fax to: +41 44 806 47 58



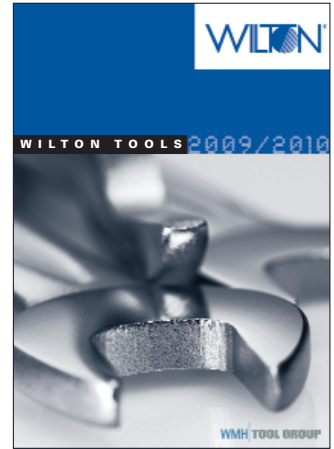
Catalogue Woodworking

On 100 pages the whole JET-programme for woodworking machines



Catalogue Benchtop

On 8 pages the whole JET-programme for wood- and metalworking-benchtop



Catalogue Wilton

On 6 pages the whole JET-programme for WILTON tools

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