

Lathes

quantum D 560 x 1500 / quantum D 560 x 2000 / quantum D 560 x 3000

Heavy sliding and screw-cutting lathes which are distinguished by high flexibility, precision and economy.

Convincing arguments: quality, efficiency and price

- Camlock spindle holding fixture ASA D 1 - 8"
- Hardened and ground oil-quenched work spindle with 3 adjustable precision taper roller bearings
- Guaranteed concentricity precision of the spindle nose less than 0.015 mm
- Closed fast-acting and oil-quenched feedgear mechanism with precision bearings.
All gearwheels and shafts are hardened and ground
- Substructure and lathe bed made from a single block of Meehanite cast iron
- Removable bed gap
- Hardened and ground bed slideways
- Central lubrication system in the tool slide
- Bumper bar with four trip dogs for longitudinal movement of the slide
- Lateral adjustable tailstock for exact adjusting and taper turning
- Right-left-hand rotation can be switched with the help of the indexing spindle
- Machine lamp
- Cover for leading spindle
- Low-voltage release, EMERGENCY-STOP button and protective motor switch
- Mechanical foot spindle brake
- Manufactured according to DIN 8606 (toolmaker's precision)

New

- Clear selector lever to switch the feed speeds

- Enclosed fast acting feedgear mechanism
- All toothed wheels and shafts are hardened and ground, oil-quenched



Model	D 560 x 1500	D 560 x 2000	D 560 x 3000
Item No.	340 2615	340 2620	340 2630
€ (VAT excl.)	13.900.00	15.500.00	17.900.00

Technical data	D 560 x 1500	D 560 x 2000	D 560 x 3000
Centre height	280 mm	280 mm	280 mm
Distance between centres ^{*)}	1,500 mm	2,000 mm	3,000 mm
Turning diameter (max.)	560 mm	560 mm	560 mm
Turning-Ø over saddle	358 mm	358 mm	358 mm
Turning-Ø without bridge	788 mm	788 mm	788 mm
Length of bed bridge	173 mm	173 mm	173 mm
Spindle hole	82 mm	82 mm	82 mm
Spindle holding fixture	Camlock ASA D 1 - 8"	Camlock ASA D 1 - 8"	Camlock ASA D 1 - 8"
Spindle taper	MT 7	MT 7	MT 7
Spindle speeds, 12 steps	25 - 1,600 rpm	25 - 1,600 rpm	25 - 1,600 rpm
Pitch - Metric (47)	0.2 - 14 mm/rev	0.2 - 14 mm/rev	0.2 - 14 mm/rev
Pitch - Inch (60)	2 - 112 TPI	2 - 112 TPI	2 - 112 TPI
Longitudinal feeds (35)	0.059 - 1.646 mm/rev	0.059 - 1.646 mm/rev	0.059 - 1.646 mm/rev
Crossfeeds (35)	0.020 - 0.573 mm/rev	0.020 - 0.573 mm/rev	0.020 - 0.573 mm/rev
Top slide travel ^{*)}	130 mm	130 mm	130 mm
Cross slide travel ^{*)}	321 mm	321 mm	321 mm
Tailstock taper	MT 5	MT 5	MT 5
Tailstock -sleeve travel	180 mm	180 mm	180 mm
Motor power 400 V / 50 Hz	7.5 kW	7.5 kW	7.5 kW
Dimensions mm (L x B x H)	2,840 x 1,120 x 1,460	3,340 x 1,120 x 1,460	4,010 x 1,200 x 1,610
Net weight	2,370 kg	2,720 kg	4,390 kg

*Guideways travel are briefer during use of measuring gibs for digital displays

Extent of supply:

- 3-jaw chuck Ø 315 mm
- 4-jaw chuck Ø 400 mm mit with universally adjustable jaws
- Face plate Ø 450 mm
- Steady rest, rod opening 19 - 165 mm
- Follow rest, rod opening 16 - 95 mm
- Coolant system
- Rear splash guard
- Spindle brake
- Machine lamp
- Threading gauge
- Operating tools
- Initial filling with high-grade Mobil oil

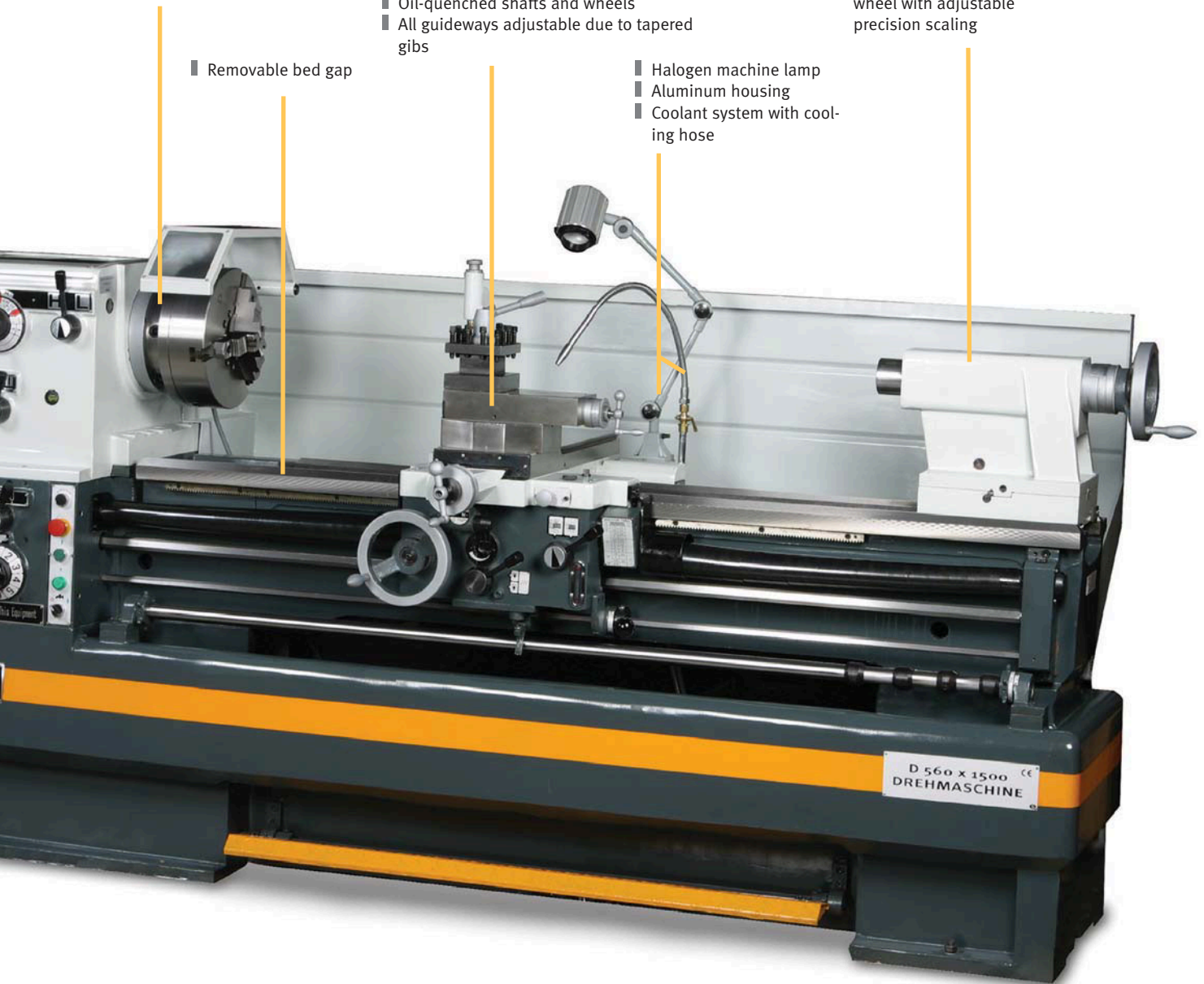
- High-precision quantum 3-jaw chuck, self centering

- Removable bed gap

- Precision-machined slide
- Upper carriage rotation 360°
- Central lubrication of the slideways
- Oil-quenched shafts and wheels
- All guideways adjustable due to tapered gibs

- Halogen machine lamp
- Aluminum housing
- Coolant system with cooling hose

- Tailstock for taper turning, adjustable
- Tailstock sleeve and hand-wheel with adjustable precision scaling



Turning

Accessories	Item No.	€ (VAT excl.)
3-jaw chuck Ø 315 mm. D 1-8" central and individual clamping jaws	344 4055	399.00
Soft block jaws for 3-jaw chuck Ø 315 mm	344 4056	129.00
4-jaw chuck Ø 400 mm D 1-8"	344 4051	349.00
4-jaw chuck Ø 325 mm Combi	344 4052	695.00
Lathe chuck flange Ø 315 mm D 1-8 "	344 4042	139.00
Revolving centre MT 5	344 0705	79.00
Cutting tool kit 20 mm with reversible HM carbide tips, 7 pcs.	344 4011	185.00
Quick-action tool holder SWH 7 - C	338 4307	790.00
Factory assembly quick-action tool holder	900 0400	95.00

More accessories from page 36 onwards

