



ZX-MODELS METAL LATHES WITH 3-AXIS DIGITAL READOUT

- ◆ JET-exclusive acceptance report with certified tolerances (DIN 8606)
- ◆ 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

Standard equipment

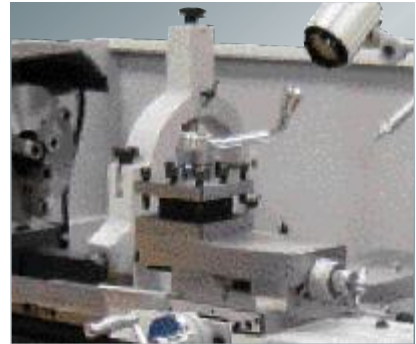
- ◆ Robust cast iron machine stand
- ◆ Ø 250 mm three-jaw chuck with basic and reversing jaws
- ◆ Ø 300 mm 4-jaw independent chuck
- ◆ Ø 400 mm face plate (300 mm/1640 ZX)
- ◆ 4-way tool post with indexing function
- ◆ Live center point MT-5 (MT-4/ 1640ZX)
- ◆ Fixed center point MT-5
- ◆ Reduction sleeve (MT-7/MT-5)
- ◆ Steady rest and follow rest
- ◆ Chip tray
- ◆ Splash guard
- ◆ Foot brake with limit switch
- ◆ 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
- ◆ Service manual and spare part list with CE declaration of conformity
- ◆ Operating tools in tool box
- ◆ Z-axis rapid feed standard for GH-2280ZX
- ◆ With 3-Axis Digital Readout



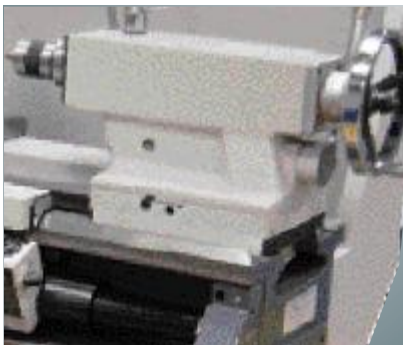
Ø 250 mm three-jaw chuck with basic and reversing jaws, chuck guard with limit switch



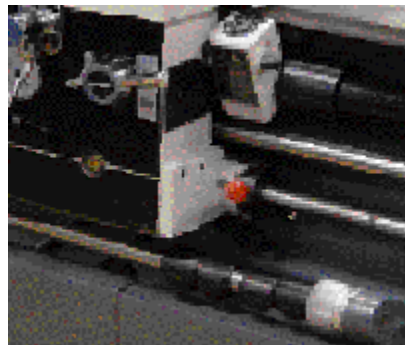
Gear box with hardened and ground gears makes it possible to cut a number of threads without changing the gears



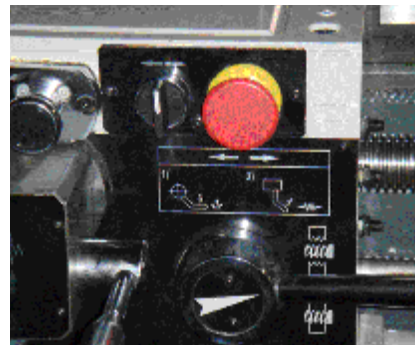
4-way tool post with indexing function, steady rest and follow rest as a standard



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	50000740T	50000750T	50000760T	50000775T
Model	GH-1640ZX	GH-1840ZX	GH-1860ZX	GH-1880ZX	GH-2280ZX
Swing over bed	406 mm	460 mm	460 mm	460 mm	560 mm
Max. turning diameter (bed gap section)	657 mm	698 mm	698 mm	698 mm	775 mm
Diameter over transverse slide	254 mm	280 mm	280 mm	280 mm	350 mm
Bed gap section length	310 mm	310 mm	310 mm	310 mm	310 mm
Center distance	1015 mm	1015 mm	1524 mm	2032 mm	2032 mm
Spindle passage	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm
Headstock	MT-7 (MT-5)	MT-7 (MT-5)	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)	D1-8 (DIN 55029)	D1-8 (DIN 55029)
Speeds: 12	25–1800 rpm	25–1800 rpm	25–1800 rpm	25–1800 rpm	25–1800 rpm
Longitudinal feed (l/r): 122	0.038–2.3 mm/r	0.038–2.3 mm/r	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	0.015–0.9 mm/r	0.015–0.9 mm/r
Metric threads: 24	0.5–20 mm/r	0.5–20 mm/r	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	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	0,25–10 MP	0,25–10 MP
Diametrical pitch: 45	96–3 1/4 DP	96–3 1/4 DP	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	25 x 25 mm	25 x 25 mm
Transverse slide travel	228 mm	228 mm	228 mm	228 mm	280 mm
Compound rest travel	130 mm	130 mm	130 mm	130 mm	130 mm
Tailstock ram travel	124 mm	124 mm	124 mm	124 mm	124 mm
Tailstock taper	MT-4	MT-5	MT-5	MT-5	MT-5
Capacity of steady rest	12 mm–178 mm	12 mm–178 mm	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	15 mm–90 mm	15 mm–90 mm
Width of lathe bed	340 mm	340 mm	340 mm	340 mm	340 mm
Dimension (LxWxH)	2462 x 1016 x 1220 mm	2462 x 1016 x 1241 mm	2960 x 1016 x 1241 mm	3458 x 1016 x 1241 mm	3320 x 1040 x 1400 mm
Motor power output	7.5 HP (5.6 kW) S _i 100%	7.5 HP (5.6 kW) S _i 100%	7.5 HP (5.6 kW) S _i 100%	7.5 HP (5.6 kW) S _i 100%	10 HP (7.5 kW) S _i 100%
Motor power input	12 HP (8.8 kW) S _e 40%	12 HP (8.8 kW) S _e 40%	12 HP (8.8 kW) S _e 40%	12 HP (8.8 kW) S _e 40%	16 HP (11.7 kW) S _e 40%
Weight	2120 kg	2267 kg	2628 kg	2989 kg	3100 kg

More accessories see site 42-47