



FEATURES

- Precise head and spindle lathes, sophisticated technology, complete equipment, easy to operate. TH 4210D / TH 4215D with digital position indicator DPA 21, TH 4210V with Siemens inverter vario drive
- Hardened and ground Z-axis guideway
- Spindle mount Camlock DIN ISO 702-2 No. 6
- Coolant system
- Separate coolant tank with level indicator and oil separator; easy and complete emptying and cleaning according to DIN
- Guaranteed concentricity of the spindle nose better than 0.015 mm
- Emergency stop device with foot control
- Safety handwheels with release function in the X and Z axis
- Main spindle running in oil bath, hardened and ground with 2 adjustable precision tapered roller bearings
- All metric pitches in the range of 0.2 to 14 mm / rev and all
- inch threads in the range of 72 – 2 threads per inch are adjustable without change of the change gears by lever in the control panel
- Right / left rotation on bed carriage via switching spindle switchable
- Central lubrication in the bed slide
- Substructure and machine bed made of Meehanite cast cast in one piece
- leading spindle

SPECIFICATIONS

- Length: 1,940 mm
- Width/Depth: 915 mm
- Height: 1,375 mm (max. height 1,600 mm)
- Weight: 1,160 kg
- Power Drive Motor: 4.5 kW
- Total Connected Value: 4.6 kW
- Electrical Voltage: 400 V
- Phase: 3 Ph
- Current Type: ~
- Power Frequency: 50 Hz
- Spindle Taper: Camlock DIN ISO 702-2 No. 6
- Center Height: 210 mm
- Distance Between Centers: 1,000 mm
- Circumferential Diameter Over Machine Bed: 420 mm
- Circumferential Diameter in Bed Bridge: 590 mm
- Circumferential Diameter Over Cross Slide: 250 mm
- Turning Length in Bed Bridge: 260 mm
- Bed Width: 250 mm
- Speed Range: 45 – 1,800 RPM
- Number of Speed Ranges: 16
- X-Axis Travel: 140 mm
- Y-Axis Travel: 230 mm
- Tailstock: MK 4
- Tailstock Quill Stroke: 120 mm
- Coolant System: 100 W pump
- Steel Holder Pickup Height Max: 20 mm
- Longitudinal Feed Range: 0.05 – 1.7 mm/rev (17 feeds)
- Flat Feed Range: 0.025 – 0.85 mm/rev (17 feeds)
- Metric Gradient Range: 0.2 – 14 mm/rev (39 slopes)
- Inch Gradient Range: 72 – 2 Gg/in (45 slopes)
- Diametral Pitch Gradient: 8 – 44 (21 gradients)
- Module Thread Gradient: 0.3 – 3.5 mm (18 gradients)