

XYZ CT 65 HD

HD
HEAVY DUTY

Spindle: 17kW (23hp) 4,000 rpm
Spindle Bore: 65mm
Travels: 175 x 525mm
Machine Weight: 3,600kg

SIEMENS
Touchscreen

**HARDENED BOX
SLIDWAYS**



The XYZ CT 65 HD with box way slides delivering powerful heavy duty turning.

Each machine comes with a wide range of standard equipment normally offered as options on competitor machines, these include hydraulic chuck, 12 station VDI Sauter turret, Renishaw tool setting, swarf conveyor and tailstock. The control is the latest Siemens Touchscreen 828D with ShopTurn conversational programming.

All XYZ Turning Centres are manufactured from Solid Meehanite Ribbed Castings giving them excellent rigidity and stability. Spindle housings are designed to dissipate heat and reduce headstock growth.



XYZ CT 65 HD

Standard Equipment

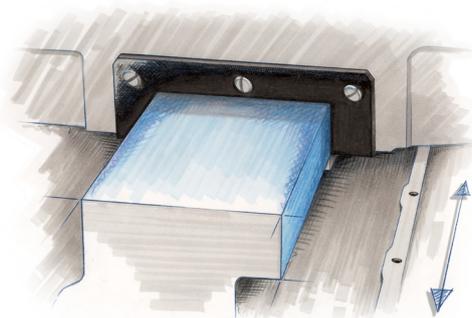
- Siemens 828D ShopTurn Touchscreen Control.
- PLC written by Siemens UK.
- Hydraulic 200mm 3 Jaw Chuck.
- Sauter 'German' VDI Turret.
- Parts Catcher.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- USB Port.
- Networking.
- Renishaw Automatic Tool Setting Arm.
- Swarf Conveyor & Bin.
- Hydraulic Tailstock.

Optional Equipment

- Collet Chuck.
- Hydraulic 250mm 3 Jaw Chuck.
- Bar Puller.
- LNS or Hydrafeed Bar Feed Systems.
- Offline Programming.
- Siemens CAD Reader.
- Contour Handwheel
(wind the handwheel to run through the program).
- Advanced Swarf Management System.

With Hard Box Way slides

The **XYZ CT 65 HD** features the latest in high quality Hard Box Way slide technology.



	XYZ CT 65 HD
Power Chuck Diameter	200mm
Maximum Swing	400mm
Swing Over Carriage Cover	260mm
Maximum Turned Diameter	220mm
Maximum Turned Length	510mm
X Axis Travel	175mm
Z Axis Travel	525mm
Spindle Centre Height from Floor	1,010mm
Spindle Nose	A2-6
Bar Capacity	65mm
Spindle Front Bearing Internal Dia	110mm
Max Spindle Speed	4,000 rpm
Spindle Motor	17 kW / (23 hp)
Min Spindle Speed For Full Power	1,500 rpm
X & Z Axis Rapid Traverse Rate	20 M/min
Slideway Type	Hard box way
Ballscrew	X = 28mm / Z = 40mm
Servo Motor	X = 8 Nm / Z = 11 Nm
Toolchanger	12 Station VDI 30
Tool Section Size	20 x 20mm
Max. Boring Bar Diameter	32mm
Tailstock Quill Taper	MT4
Quill Diameter	60mm
Quill Travel	105mm
Max. Quill Thrust	800kg
Coolant Tank Capacity	100 litre
Coolant Pump Delivery	30 L/min @ 0.8 Bar
Machine Weight	3,600kg
Footprint	3,020 x 2,200 x 2,060mm

Conforming to ISO 13041	
Positional accuracy	+/- 5 microns
Repeatability	+/- 2 microns
Cutting accuracy over 100mm	10 microns
Geometric accuracy over 100mm	10 microns



Part of the **XYZ Catalogue 2024/25** which includes:
ProtoTRAK® Lathes.
Turning Centres.
XL Extra Large Lathes.
Oil Country Lathes.
Manual Mills & Lathes.
Grinders.
Tooling & Accessories.



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