

XYZ TC 400

SIEMENS
Touchscreen

**HARDENED BOX
SLIDEWAYS**

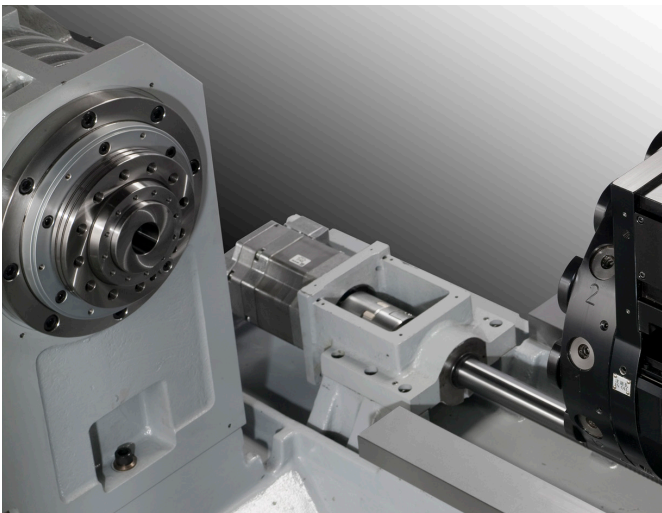
Spindle: 32kW (43hp) 3,300 rpm
Spindle Bore: 91mm
Travels: 265 x 650mm
Machine Weight: 5,700kg



The XYZ TC 400 is the largest capacity turning centre in the XYZ range.

This large capacity workhorse of a Turning Centre comes complete with standard equipment that includes hydraulic chuck, 12 station turret, Renishaw tool setting, swarf conveyor and tailstock.

Many of these options are costly extras with competitors machine tools. The latest Siemens 828D ShopTurn conversational control makes it ideal for both experienced and novice CNC users. Perfect for a subcontractor that doesn't know what job is coming next.



XYZ TC 400

Standard Equipment

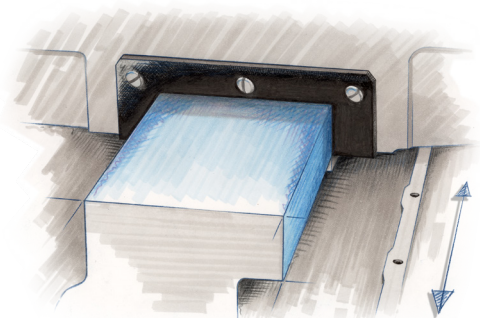
- Siemens 828D ShopTurn Touchscreen Control.
- PLC written by Siemens UK.
- Hydraulic 300mm 3 Jaw Chuck.
- Sauter 'German' VDI Turret.
- Renishaw Automatic Tool Setting Arm.
- Swarf Conveyor & Bin.
- Hydraulic Tailstock.
- Through Tool Flood Coolant.
- Remote Electronic Handwheel.
- USB Port.
- Networking.

Optional Equipment

- Collet Chuck.
- Bar Puller.
- Hydraulic 380mm 3 Jaw Chuck*.
- 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 TC 400** features the latest in high quality Hard Box Way slide technology.



Specification	XYZ TC 400
Power Chuck Diameter	300mm
Maximum Swing	600mm
Swing Over Carriage Cover	410mm
Maximum Turned Diameter	400mm
Maximum Turned Length	600mm
X Axis Travel	265mm
Y Axis Travel	N/A
Z Axis Travel	650mm
Spindle Centre Height from Floor	1,020mm
Height from Floor To Spindle Centre	1,220mm
Spindle Nose	A2-8
Spindle Bore (Drawtube Capacity)	91mm (78mm)
Spindle Front Bearing Internal Dia	130mm
Spindle Speeds	3,300 rpm
Spindle Motor	32kW (43hp)
Min Speed for Full Power	1,500 rpm
Rapid Feedrate	20 M/min
Slideway Type	Hardened Box Way
Ballscrew	X = 40mm / Z = 45mm
Servo Motor	X = 11 Nm / Z = 16 Nm
Toolchanger	12 Station 40 VDI Turret
Tool Section Size	25 x 25mm
Max Boring Bar Diameter	40mm
Tailstock Quill Taper	MT5
Quill Diameter	95mm
Quill Travel	125mm
Max Quill Thrust	2,300kg
Coolant Tank Capacity	115L
Coolant Pump Delivery	16 L/min @ 2.5 Bar
Machine Weight	5,700kg
Footprint	2,908 x 2,215 x 2,315mm

* Renishaw Toolsetting arm has to be removed.

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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