

XYZ 800 HD

Spindle: 21kW (28hp) 10,000 rpm
Table Size: 920 x 480mm
Travels: 800 x 500 x 510mm
Machine Weight: 4,400kg

SIEMENS
Touchscreen

HEIDENHAIN
Touchscreen

HD
HEAVY DUTY

**HARDENED BOX
SLIDWAYS**



Shown with **SIEMENS** control
Touchscreen

The XYZ 800 HD is a compact, highly capable and popular machine.

With its solid cast ribbed structure, 24 station arm type tool changer, and vibration absorbing box slideways, it is a rigid machine ideal for the typical sub-contractor who doesn't know what material it will be cutting from day-to-day. The **XYZ 800 HD** can cut even the toughest materials faster than most other competitor VMCs.

XYZ 800 HD

Standard Equipment

- Siemens 828D ShopMill Touchscreen Control or Heidenhain TNC 620 Touchscreen Control.
- Optimised Digital Servo Drives.
- Hardened Table.
- Rigid Tapping.
- High Pressure Flood Coolant.
- LED Worklight.
- 24 Station Arm Type.
- Remote Electronic Handwheel.
- Easy Clean Swarf Tray.
- Steel Concertina Guards on all Axes.
- Stainless Steel Floor Pan.
- Powder Coated Guarding.
- Pull Studs.
- Networking.
- USB Port.

Optional Equipment

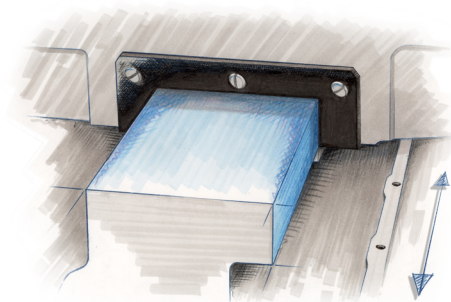
- 4th Axis Rotary Table.
- 5th Axis Rotary Table.
- Swarf Conveyor & Bin.
- 12,000 rpm Spindle.
- Through Spindle Coolant.
- Offline Programming.
- Renishaw/Heidenhain Toolsetting and Probing.
- Contour Handwheel (*wind the handwheel to run through the program*).
- Oil Skimmer.
- Advanced Swarf Management System.
- DXF Reader.
- Coolant Washdown Gun.

Specification	XYZ 800 HD
X Axis Table Travel	800mm
Y Axis Table Travel	500mm
Z Vertical Travel	510mm
Table Size	920 x 480mm
Spindle Centre to Column	550mm
Spindle to Table	100 - 610mm
Column Front to Table Centre	300 - 800mm
Rapid Feedrate	24 M/min
Cutting Feedrates	1 - 24,000 MM/min
Max Table Load	900kg
T Slot Size	16mm
T Slot Number & Pitch	4 off @ 100mm Pitch
Spindle Speeds	5 - 10,000 rpm (12,000 Opt)
Spindle Motor	21kW (28hp)
Spindle Taper	BT40 (SK & Cat Opt)
Toolchanger	24 Station Arm type
Toolchange Time	2.5 secs
Max Tool Diameter	78mm
Max Tool Weight	8kg
Coolant Tank Capacity	150L
Ballscrew (Grade C3)	40mm Dia P10
AC Digital Servo Motors Max Torque	X = 8.5 Nm / Y = 8.5 Nm Z = 12 Nm 3,000 rpm
Machine Weight	4,400kg
Footprint	2,440 x 3,190 x 2,690mm

Conforming to ISO 10791	
Positional accuracy	+/- 5 microns
Repeatability	+/- 2 microns
Circularity over 300mm	10 microns
Geometric accuracy over 300mm	10 microns

With Hardened Box Way Slides

The combination of machine weight and hardened box slideways guarantees a highly rigid machining platform on the Machining Centres.



Part of the **XYZ Catalogue 2024/25** which includes:
ProtoTRAK® Turret Mills.
ProtoTRAK® Bed Mills.
ProtoTRAK® TMCs.
Vertical Machining Centres.
5 Axis Simultaneous VMCs.
Manual Mills & Lathes.
Grinders.
Tooling & Accessories.



Visit www.xyzmachinetools.com or our YouTube channel to see the video.