

XYZ 800 HD

21 kW / (28 HP) SPINDLE
920 x 480 mm TABLE
800 x 500 x 510 mm TRAVEL
10,000 RPM SPINDLE
SOLID CASTING 4,400 KG

SIEMENS
Touchscreen

HEIDENHAIN

HD
HEAVY DUTY



Shown with **SIEMENS** control
Touchscreen

The new XYZ 800 HD with increased travels in X & Y of 800 mm and 500 mm.

The **XYZ 800 HD** is a compact, highly capable and popular machine. With its solid cast ribbed structure, 24-station arm-type toolchanger, 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.

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Standard Equipment

Siemens 828D ShopMill
Touchscreen Control or Heidenhain TNC
620 Touchscreen Control.
Optimised Digital Servo's.
Hardened Table.
Rigid Tapping.
High Pressure Flood Coolant.
Coolant Washdown.
LED Worklight.
24 Station Arm Type Tool Changer.
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

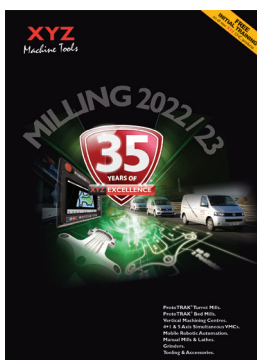
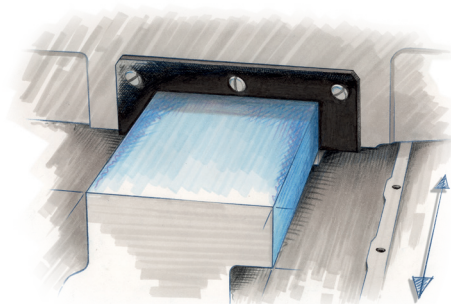
4th Axis Rotary Table.
5th Axis Rotary Table.
Swarf Conveyor & Bin.
12,000 rpm Spindle.
Through Spindle Coolant.
Offline Programming.
Renishaw/Heidenhain Toolsetting
and Probing.
Contour Handwheel
(wind the handwheel to run through
the program).
Oil Skimmer.
Advanced Swarf Management
System.
DXF Reader.

	XYZ 800 HD
X travel	800 mm
Y travel	500 mm
Z travel	510 mm
Table size	920 x 480 mm
Spindle centre to column	550 mm
Spindle to table	100 - 610 mm
Column front to table centre	300 - 800 mm
Rapid feed XYZ axis	24 M/min box way
Cutting feed rates	24 M/min
Max table load	900 kg
T slot size	16 mm
T slot number & pitch	4 @ 100 mm
Spindle speed	10,000 rpm (12,000 optional)
Spindle motor	21 kW / (28 HP)
Spindle taper	BT 40
Tool magazine capacity	24 arm type
Tool change time <i>tool to tool</i>	2.5 sec
Max tool diameter	78 mm
Max tool weight	7 kg
Coolant capacity	150 L
Ballscrew size (grade C3)	40 mm P10
AC servo motor size	X and Y 8.5Nm Z 12Nm
Machine weight	4,400 kg
Footprint W x D x H	2,250 x 2,250 x 2,750 mm

Conforming to ISO 10791	
Positional accuracy	+/- 5 microns
Repeatability	+/- 2 microns
Circularity over 300 mm	8 microns
Geometric accuracy over 300 mm	8 microns

With Hardened Box Way Slides

The combination of machine weight and hardened box slideways guarantees a highly rigid machining platform on the XYZ HD range.



Part of the **XYZ Milling Catalogue** which includes:
ProtoTRAK® Turret Mills.
ProtoTRAK® Bed Mills.
Vertical Machining Centres.
4+1 & 5 Axis Simultaneous VMCs.
Mobile Robotic Automation.
Manual Mills & Lathes.
Grinders.
Tooling & Accessories.



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