

XYZ 2010 HD

TABLE 2,200 x 1,000 mm
TRAVEL 2,000 x 1,000 x 800 mm
10,000 RPM SPINDLE
16 M/MIN RAPIDS
SOLID CASTING 20,000 KG

XYZ 2510 HD

TABLE 2,700 x 1,000 mm
TRAVEL 2,500 x 1,000 x 800 mm
10,000 RPM SPINDLE
16 M/MIN RAPIDS
SOLID CASTING 23,000 KG

XYZ 3010 HD

TABLE 3,100 x 1,000 mm
TRAVEL 3,000 x 1,000 x 800 mm
10,000 RPM SPINDLE
16 M/MIN RAPIDS
SOLID CASTING 25,000 KG

SIEMENS
Touchscreen

HEIDENHAIN
Touchscreen

**1 metre
Y axis**

HD
HEAVY DUTY

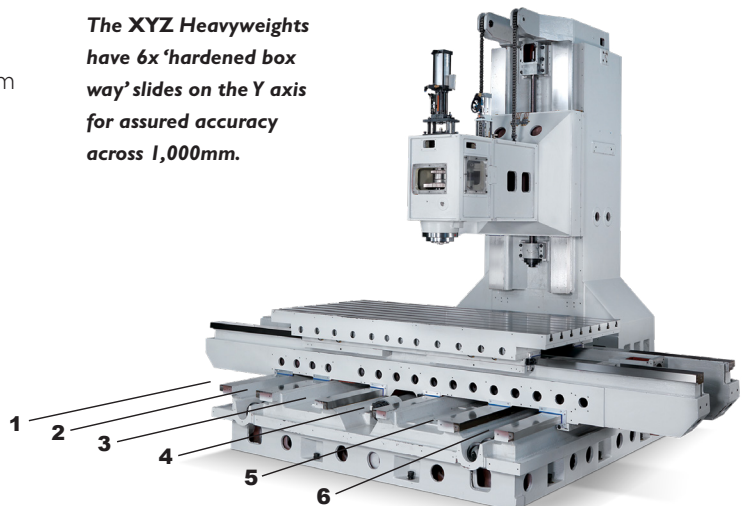


The XYZ Super Heavyweights with up to 3 metres of travel.

As British manufacturing grows, so it seems do the size of the components it needs to machine, with oil, gas, aerospace and renewables demanding larger capacity machine tools. Enter the XYZ Super Heavyweight VMCs, with up to 3,000 mm x 1,000 mm x 800 mm of travel. Backing up this capacity is the 25 tonnes of solid Meehanite casting, with wide box slideways, six on the Y axis alone.

Six hardened box way slides

The XYZ Heavyweights have 6x 'hardened box way' slides on the Y axis for assured accuracy across 1,000mm.



XYZ 2010 HD

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XYZ 3010 HD

Standard Equipment

Siemens 828D ShopMill Control.
Coolant System.
Auto Lubrication System.
Work Lamp.
Remote Electronic Handwheel.
Spindle Air Blast.
Work Air and Coolant Gun.
Auto Power Off (M30).
BT40 Spindle (BT50 optional).
Heat Exchanger for Electrical Cabinet.
Rigid Tapping.
Spindle Oil Cooler.
Chip Conveyor with Bin.
Pull Studs.
Networking.
USB Port.
Compact Flash Card Slot.

Optional Equipment

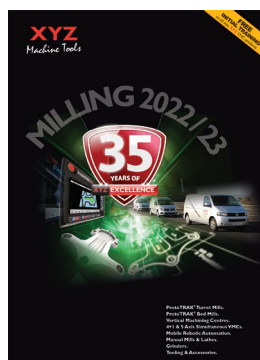
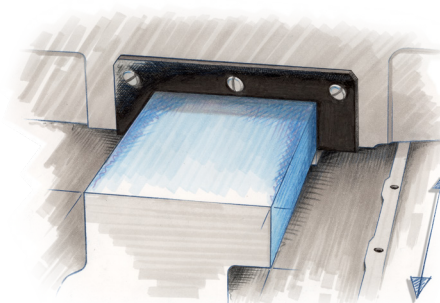
Through Spindle Coolant.
Upgrade to BT50.
Geared Head.
4th Axis Rotary Table.
5th Axis Rotary Table.
Offline Programming.
Renishaw/Heidenhain Toolsetting
and Probing.
Contour Handwheel
(wind the handwheel to run through
the program).
Advanced Swarf Management System.

	XYZ 2010-2510-3010 HDs
X axis	2,000 mm 2,500 mm or 3,000 mm
Y axis	1,000 mm
Z axis	800 mm
Spindle nose to table surface	185 - 980 mm
Table size	2,200 - 2,700 - 3,100 x 1,000 mm
Spindle centre to column surface	600 - 1,600 mm
Rapid feed X, Y Z axes	16 M/min
Cutting feed rates	1 - 16,000 mm/min
Ballscrew diameter	50 mm P12
T slot size	22 mm
T slot number and pitch	8 @ 125 mm
Hardened box way slides XY and Z	6 x slides on Y axis
Max permissible table load	3,000 - 3,200 - 4,000 kg
Automatic toolchanger type	30 arm type
Max tool diameter	110 mm
Max tool weight	15 kg
Spindle speed	10,000 rpm
Spindle motor	23 kW / (30 HP) continuous
	27 kW / (36 HP) 30 minutes
	42 kW / (56 HP) 2.5 minutes in 10
Coolant capacity	700L-2010 & 2510. 1,000L-3010
Machine weight	20,000 / 23,000 / 25,000 kg

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