

XYZ 1000 TMC

11kW (15HP) SPINDLE
1,060 x 500 mm TABLE
1,000 x 500 x 500 mm TRAVEL
8,000 RPM SPINDLE
SOLID CASTING 4,600 KG

ProtoTRAK®



XYZ 1000 TMC making a standard machine something more versatile.

The XYZ 1000 TMC has an impressive specification offering 1,000 x 500 x 500 mm axis travels, 20 station toolchanger, 8,000 rpm spindle and the easy-to-use ProtoTRAK® RMX control. Where most machine shops have machining centres for production work and bed mills for one off and small batch production, the **XYZ 1000 TMC** offers a unique opportunity to combine the two into one unit and offer greater flexibility to the machinist. With the front located handwheels changing from manual operation to full CNC and even using TRAKing® to run the program, never has a machine offered such a competitive advantage to the workshop.

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Standard Equipment

ProtoTRAK® touchscreen RMX control.
 Optimised digital servo drives.
 Flood coolant.
 Worklight.
 20 station carousel tool changer.
 Easy clean swarf tray.
 Steel concertina guards on all axis.
 Powder coated guarding.
 Pull studs.
 USB ports.
 Ethernet.

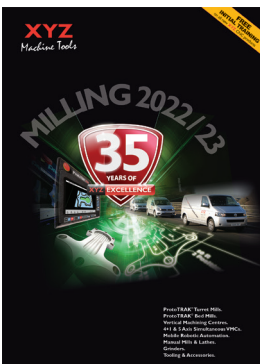
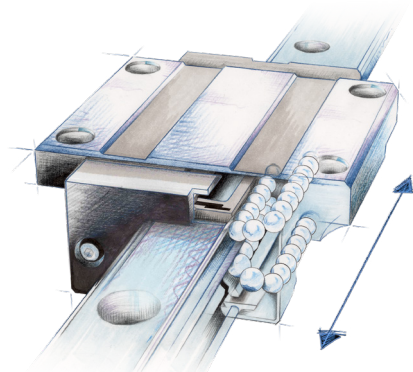
Optional Equipment

4th axis rotary table.
 Swarf Conveyor and bin.
 12,000 rpm spindle.
 Through spindle coolant.
 Remote electronic hand wheel.
 Movable electronic hand wheels for setting, manual operation and TRAKing®.
 Side vision panels.
 Offline RMX programming.
 DXF Convertor.
 Parasolid Convertor.
 Programmable 4th axis.
 Coolant washdown gun.
 Remote stop go switch.

	XYZ 1000 TMC
X travel	1,000 mm
Y travel	500 mm
Z travel	500 mm
Table size	1,060 x 500 mm
Spindle centre to column	532 mm
Spindle to table	100 - 600 mm
Column front to table centre	382 - 782 mm
Rapid feed XYZ axis	20 M/min
Cutting feed rates	1 - 20,000 mm/min
Max table load	800 kg
T slot size	16 mm
T slot number & pitch	4 @ 125 mm
Spindle speed	5 - 8,000 rpm
Spindle motor	11kW (15HP)
Spindle taper	BT 40
Tool magazine capacity	20 carousel
Tool change time <i>tool to tool</i>	8 sec (2.5 sec)
Max tool diameter	80 mm
Max tool weight	7 kg
Coolant capacity	160 L
Ballscrew size (grade C3)	32 mm P8
AC servo motor size	X and Y 5Nm, Z 10Nm
Machine weight	4,600 kg
Footprint W x D x H	2,530 x 2,200 x 2,500 mm

With Linear Rail Ball Bearing Slides

New advances in Linear Rail Technology have enabled XYZ to produce a highly cost effective range of VMCs.



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



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