

## XYZ I600 TMC

11kW (15HP) SPINDLE  
1,600 x 660 mm TABLE  
1,600 x 660 x 635 mm TRAVEL  
8,000 RPM SPINDLE  
SOLID CASTING 6,500 KG

## ProtoTRAK®



XYZ I600 TMC giving the workshop a competitive edge.

The **XYZ I600 TMC** goes above and beyond the workshop standard. Offering 1,600 x 660 x 635 mm travels, 8,000 rpm spindle, 20 station carousel and the ProtoTRAK® RMX control. Using the latest linear rail technology combined with the flexibility of the ProtoTRAK® RMX control, the machine can be used both manually with the hand wheel pendant and in full CNC for serious production. The power and capability of the **XYZ I600 TMC** offers real advantages to the modern-day workshop.

# XYZ 1600 TMC

11kW (15HP) SPINDLE  
 1,600 x 660 mm TABLE  
 1,600 x 660 x 635 mm TRAVEL  
 8,000 RPM SPINDLE  
 SOLID CASTING 6,500 KG

## 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.

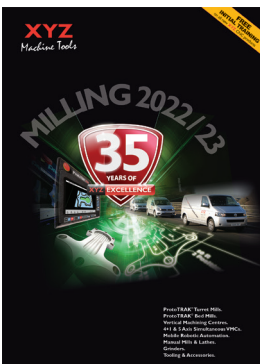
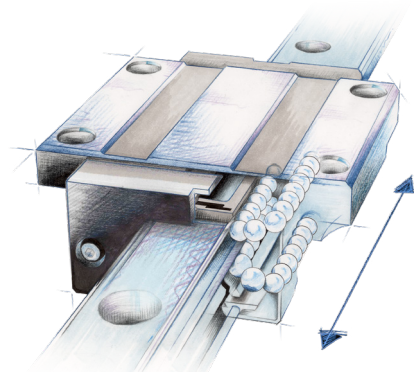
## Optional Equipment

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 1600 TMC
X travel	1,600 mm
Y travel	660 mm
Z travel	635 mm
Table size	1,600 x 660 mm
Spindle centre to column	750 mm
Spindle to table	105 - 740 mm
Column front to table centre	370 - 1,030 mm
Rapid feed XYZ axis	20 M/min
Cutting feed rates	1 - 20,000 mm/min
Max table load	1,000 kg
T slot size	18 mm
T slot number & pitch	5 @ 100 mm
Spindle speed	8,000 rpm (12,000 rpm opt)
Spindle motor	11kW (15HP)
Spindle taper	BT 40
Tool magazine capacity	20
Tool change time <i>tool to tool</i>	2.5 sec
Max tool diameter	80 mm
Max tool weight	8 kg
Coolant capacity	160 L
Ballscrew size (grade C3)	40 mm P8
AC servo motor size	X and Y 10Nm, Z 15Nm
Machine weight	6,500 kg
Footprint W x D x H	4,000 x 2,650 x 3,000 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.



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