

## XYZ 500 TMC

Spindle: 11 kW (15 hp) 8,000 rpm

Table Size: 580 x 400mm

Working Area: 491 x 381 x 434mm

Machine Weight: 2,400kg

# ProtoTRAK®



## Maximum workshop flexibility in a compact footprint.

The **XYZ 500 TMC** is the smallest machine in the Toolroom Machining Centre range. This new range combines the ease of use offered by the ProtoTRAK® RMX control with the production capability of a machine with a toolchanger.

# XYZ 500 TMC

## Standard Equipment

- **ProtoTRAK® Touchscreen RMX Control.**
- **Remote Electronic Handwheel.**
- **Optimised Digital Servo Drives.**
- **Flood Coolant.**
- **Worklight.**
- **12 Station Carousel Tool Changer.**
- **Easy Clean Swarf Tray.**
- **Steel Concertina Guards on all Axes.**
- **Powder Coated Guarding.**
- **Pull Studs.**
- **USB Ports.**
- **Ethernet.**

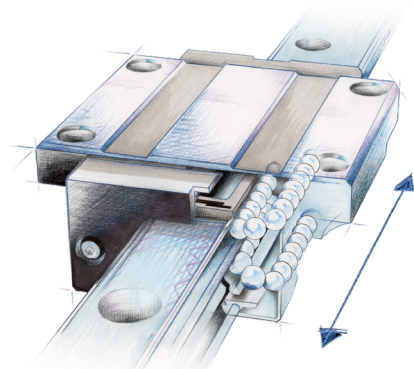
## Optional Equipment

- **Advanced Features.**
- **4th Axis Rotary Table.**
- **Swarf Conveyor and Bin.**
- **12,000 rpm Spindle.**
- **Through Spindle Coolant.**
- **Movable Electronic Handwheels for Setting, Manual Operation and TRAKing®.**
- **Side Vision Panels.**
- **Offline RMX Programming.**
- **DXF Converter.**
- **Parasolid Converter.**
- **Coolant Washdown Gun.**
- **Remote Stop Go Switch.**

Specification	XYZ 500 TMC
Working Area (Soft Limits)	491 x 381 x 434mm
Table Size	580 x 400mm
Spindle Centre to Column	415mm
Spindle to Table	100 - 550mm
Column Front to Table Centre	215 - 615mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	250kg
T Slot Size	16mm
T Slot Number & Pitch	3 off @ 125mm
Spindle Speeds	5 - 8,000 rpm (12,000 Opt)
Spindle Motor	11kW (15hp)
Spindle Taper	BT40
Toolchanger	12 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter	100mm
Max Tool Weight	7kg
Coolant Tank Capacity	105L
Ballscrew (Grade C3)	28mm Dia P8
AC Servo Motor Max Torque	X = 5 Nm / Y = 5 Nm / Z = 10 Nm
Machine Weight	2,400kg
Footprint	1,920 x 2,272 x 2,715mm

## With Linear Rail Ball Bearing Slides

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



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