

XYZ 750 TMC

11kW (15HP) SPINDLE
830 x 410 mm TABLE
750 x 440 x 500 mm TRAVEL
8,000 RPM SPINDLE
SOLID CASTING 3,500 KG

ProtoTRAK®



XYZ 750 TMC is a mid-sized, all-purpose machine.

The **XYZ 750 TMC** is a mid-sized machining centre with the versatility to satisfy both manufacturers from one off/small batch parts to full production runs. Using proven linear rail technology offering travels of 750 x 440 x 500 mm combined with an 8,000 rpm spindle, 20 station toolchanger and the latest ProtoTRAK® RMX control. The **XYZ 750 TMC** gives users the opportunity to manufacture one off's traditionally produced on manual machines using the handwheels located at the front of the machine or step straight into full production by creating programs for the ProtoTRAK® CNC on board or offline. A truly flexible solution for today's manufacturing needs.

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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.

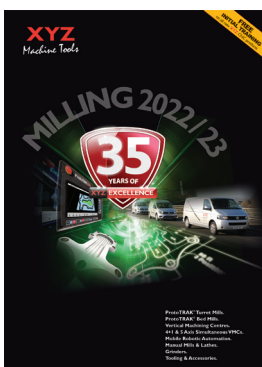
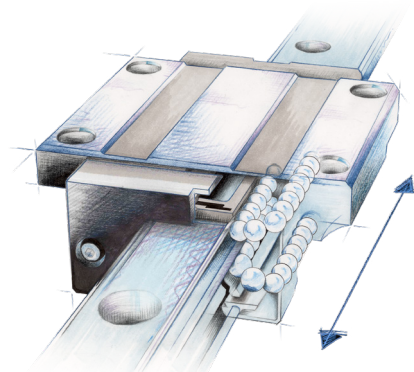
Optional Equipment

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 750 TMC |
|--------------------------------------|--------------------------|
| X travel | 750 mm |
| Y travel | 440 mm |
| Z travel | 500 mm |
| Table size | 830 x 410 mm |
| Spindle centre to column | 500 mm |
| Spindle to table | 100 - 600 mm |
| Column front to table centre | 305 - 745 mm |
| Rapid feed XYZ axis | 20 M/min |
| Cutting feed rates | 1 - 20,000 mm/min |
| Max table load | 500 kg |
| T slot size | 16 mm |
| T slot number & pitch | 3 @ 100 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 | 125 L |
| Ballscrew size (grade C3) | 32 mm P8 |
| AC servo motor size | X and Y 5Nm, Z 10Nm |
| Machine weight | 3,500 kg |
| Footprint W x D x H | 2,100 x 2,150 x 2,450 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.