

XYZ 1000 LR

SPINDLE 20 HP / 15 kW

1,060 x 500 mm TABLE

1,000 x 500 x 500 mm TRAVEL

8,000 RPM SPINDLE

SOLID CASTING 4,600 KG

SIEMENS



As one of the most popular sizes of VMC the XYZ 1000 LR provides large capacity at an affordable price.

The **XYZ 1000 LR** has an impressive specification, including 1,000 mm of travel in the X-axis and 500 mm in both the Y and Z axes. It shares the same 13 kW, 8,000 rpm, BT 40 spindle with the other machines in the range as well as the standard 20 position tool carousel. It also has the option of a 24 station arm-type tool changer. The recent development in linear rail technology now means that XYZ can deliver a machine of this size to a very competitive price/performance ratio. Demonstrations of XYZ's linear rail machines are available at any of the XYZ showrooms.

XYZ 1000 LR

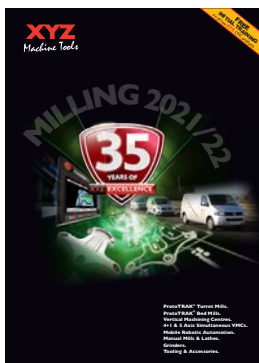
SPINDLE 20 HP / 15 kW
1,060 x 500 mm TABLE
1,000 x 500 x 500 mm TRAVEL
8,000 RPM SPINDLE
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Standard Equipment

Siemens 828D Control.
Optimised Digital Servos.
Rigid Tapping.
Flood Coolant.
Worklight.
20 Station Carousel.
Easy Clean Swarf Tray.
Steel Concertina Guards on all axes.
Powder Coated Guarding.
Pull Studs.
USB Port.
Compact Flash Card Slot.

Optional Equipment

24 Station Arm Type ATC.
4th Axis Rotary Table.
Swarf Conveyor and Bin.
Renishaw/Heidenhain Toolsetting and Probing.
12,000 rpm Spindle.
Through Spindle Coolant.
Remote Electronic Handwheel.
Side Vision Panels.
Offline Programming.
ShopMill Advanced Software.
Contour Handwheel (*wind the handwheel to run through the program*).
Factory Networking.
Advanced Swarf Management System.
DXF Reader.



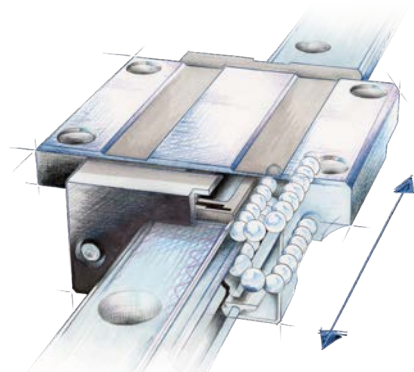
Part of the **XYZ Milling Catalogue** which includes:
ProtoTRAK® Turret Mills.
ProtoTRAK® Bed Mills.
Vertical Machining Centres.
4+1 & 5 Axis Simultaneous VMCs.
Mobile Robotic Automation.
Manual Mills & Lathes.
Grinders.
Tooling & Accessories.

	XYZ 1000 LR
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	20,000 mm/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	20 HP / 15 kW
Spindle taper	BT 40
Tool magazine capacity	20 carousel (24 arm type optional)
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 8Nm Z 12Nm
Machine weight	4,600 kg
Footprint W x D x H	2,530 x 2,200 x 2,500 mm

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

With Linear Rail Ball Bearing Slides

New advances in Linear Rail Technology have enabled XYZ to produce a highly cost effective range of VMCs, the best selling XYZ LR range.



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