

XYZ 750 LR

Spindle: 15kW (20hp) 8,000 rpm

Table Size: 830 x 410mm

Travels: 750 x 440 x 500mm

Machine Weight: 3,500kg

SIEMENS



XYZ 750 LR hits the spot for cost-effective machining.

The best selling **XYZ 750 LR**'s capacity makes it the most popular choice for those looking to step up to CNC VMC operation at a very competitive price. With axis travels of 750 x 440 x 500mm, the XYZ 750 LR has the capacity to handle the majority of work passing through a typical machine shop.

XYZ 750 LR

Standard Equipment

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

Optional Equipment

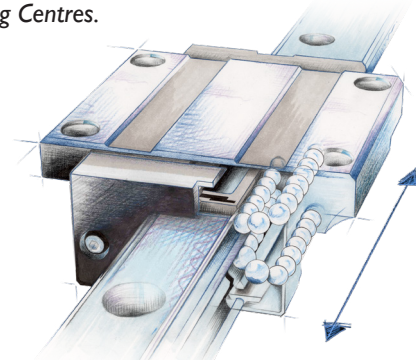
- 24 Station Arm Type ATC.
- 4th Axis Rotary Table.
- Swarf Conveyor and Bin.
- Renishaw/Heidenhain Toolsetting and Probing.
- 12,000 rpm Spindle.
- Through Spindle Coolant.
- Remote Electronic Handwheel.
- Side Vision Panels.
- Offline Programming.
- ShopMill Advanced Software.
- Contour Handwheel (*wind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

Specification	XYZ 750 LR
X Axis Table Travel	750mm
Y Axis Table Travel	440mm
Z Vertical Travel	500mm
Table Size	830 x 410mm
Spindle Centre to Column	500mm
Spindle to Table	100 - 600mm
Column Front to Table Centre	305 - 745mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	500kg
T Slot Size	16mm
T Slot Number & Pitch	3 off @100mm Pitch
Spindle Speeds	5 - 8,000 rpm (12,000 Opt)
Spindle Motor	15kW (20hp)
Spindle Taper	BT40 (SK & Cat Opt)
Toolchanger	20 Station Carousel (24 Arm Opt)
Toolchange Time	8 secs (Carousel) / 2.5 secs (Arm)
Max Tool Diameter	100mm (Carousel) / 78mm (Arm)
Max Tool Weight	7kg
Coolant Tank Capacity	125L
Ballscrew (Grade C3)	32mm Dia P8
AC Digital Servo Motors Max Torque	X = 8 Nm / Y = 8 Nm / Z = 12 Nm 3,000 rpm
Machine Weight	3,500kg
Footprint	2,362 x 2,170 x 2,655mm

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 Machining Centres.



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



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.