

**XYZ CT 52 LR**

**NEW**

**SPINDLE 15 HP /11.2 kW  
52mm BAR CAPACITY  
4,500 RPM  
SOLID CASTING 2,000 KG**

**SIEMENS**

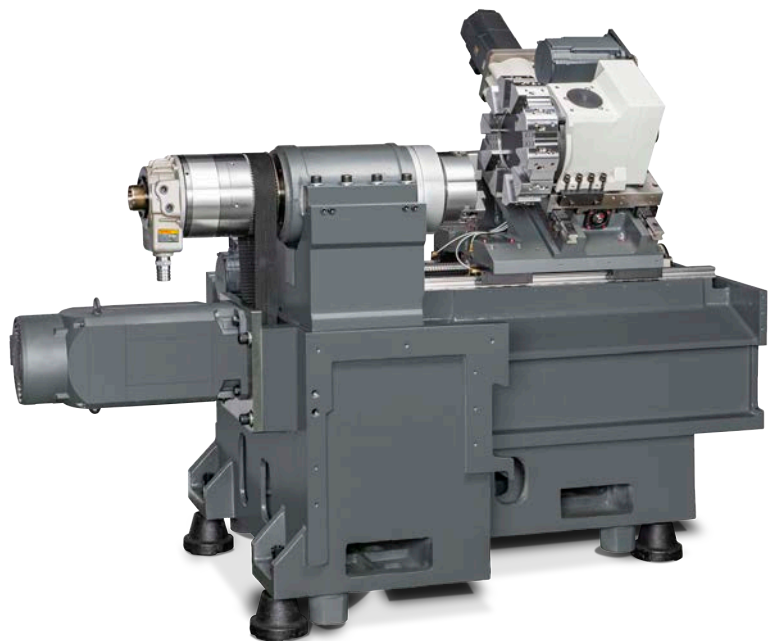


## The **XYZ** Compact Turn 52 LR Turning Centre.

Following on from the best-selling XYZ LR machining centres, the same Linear Rail technology has now been applied to the Turning Centre. The result is the new Compact Turn 52 LR with 52mm bar capacity.

Equipped with the latest Siemens 828 control and with a footprint of only 2 x 1.5 metres the **XYZ CT 52 LR** punches way above its weight and its size. This is high level turning production with the minimum of financial outlay, a must see for all UK engineers who need turning capability and efficiency.

The **XYZ CT 52 LR** comes with free initial training, ongoing service and support and free access to the **XYZ** Programming Helplines. Advanced turning capability has never been more affordable.



**The solid cast construction of the XYZ Compact Turn. For the full build specification of the XYZ Turning Centres see pages 19 and 20 of the XYZ Turning Catalogue.**

# XYZ CT 52 LR

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**52mm BAR CAPACITY**  
**4,500 RPM**  
**SOLID CASTING 2,000 KG**

## Standard Equipment

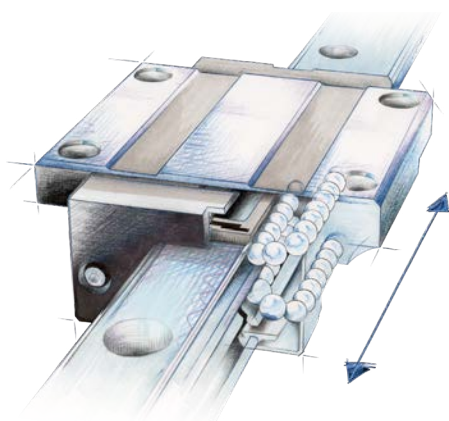
**Siemens 828D Control.**  
**PLC written by Siemens UK.**  
**Hydraulic 150 mm 3 Jaw Chuck.**  
**10 Station Block Turret.**  
**Flood Coolant.**  
**USB Port.**

## Optional Equipment

**Advanced Programming (ShopTurn).**  
**Siemens Cad Reader.**  
**Parts Catcher.**  
**Tool Setting Arm.**  
**Swarf Conveyor and Bin.**  
**Contour Handwheel.**  
**Network Setup at your factory.**  
**LNS or Hydrafeed Barfeed Systems.**  
**Collet Chucks.**  
**Oil Skimmer.**  
**Tooling Options (Holders, Bar Pullers etc).**  
**Advanced Swarf Management System.**

## With linear rail slides

The **XYZ CT 52 LR** features the latest in high quality linear rail ball bearing slide technology.



Part of the **XYZ Turning Catalogue** which includes:  
**ProtoTRAK® Lathes.**  
**Turning Centres.**  
**XL Extra Large Lathes.**  
**Oil Country Lathes.**  
**Mobile Robotic Automation.**  
**Manual Mills & Lathes.**  
**Grinders.**  
**Tooling & Accessories.**

	<b>XYZ CT 52 LR</b>
Power chuck diameter	150 mm
Maximum swing	300 mm
Swing over carriage cover	220 mm
Maximum turned diameter	180 mm
Maximum turned length	300 mm
X axis travel	165 mm
Z axis travel	315 mm
Spindle centre height from floor	950 mm
Spindle nose	A2-5
Bar capacity	52 mm
Spindle front bearing internal dia	100 mm
Max spindle speed	4,500 rpm
Spindle motor	15 HP / 11.2 kW
Min spindle speed for full power	1,500 rpm
X & Z axis rapid traverse rate	20 m/min
X axis slideway configuration	Linear Way
Z axis slideway configuration	Linear Way
Ballscrew diameter (X & Z)	28/32 mm
Servo motors (X,Z & turret)	8Nm
Turret	10 Station (block)
Turning tool shank dimensions	20 x 20 mm
Max. boring bar diameter	32 mm
Tailstock quill taper	N/A
Quill diameter and travel	N/A
Max. quill thrust	N/A
Coolant tank capacity	80 litre
Coolant pump delivery	30l/min @ 0.8 Bar
Machine weight	2,000 kg
Footprint W x D x H approx (with conveyor)	1,930 x 1,420 x 1,700 mm 2,650 x 1,420 x 1,700 mm

Conforming to ISO 13041	
Positional accuracy	+/- 5 microns
Repeatability	+/- 2 microns
Cutting accuracy over 100mm	10 microns
Geometric accuracy over 100mm	10 microns



Visit [www.xyzmachinetools.com](http://www.xyzmachinetools.com) or the YouTube channel to see the video.