

## XYZ I600 LR

**SPINDLE 20 HP / 15 kW**

**1,600 x 660 mm TABLE**

**1,600 x 660 x 635 mm TRAVEL**

**8,000 RPM SPINDLE**

**SOLID CASTING 6,500 KG**

**SIEMENS**



As the largest machine in the LR range the XYZ I600 LR provides large capacity at an affordable price.

The **XYZ I600 LR** has an impressive specification, including 1,600 mm of travel in the X-axis 660 in Y and 635 in Z. It has a 15 kW, 8,000 rpm, BT 40 spindle as well as the standard 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.

*Give yourself a competitive advantage, charge higher rates for those bigger jobs or get more smaller jobs on the table. There may well be a shortage of bigger capacity machines in your area.*

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## Standard Equipment

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

## Optional Equipment

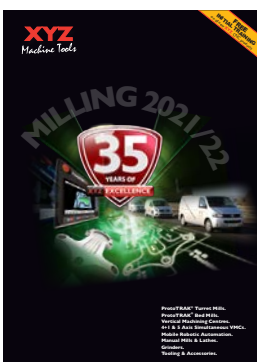
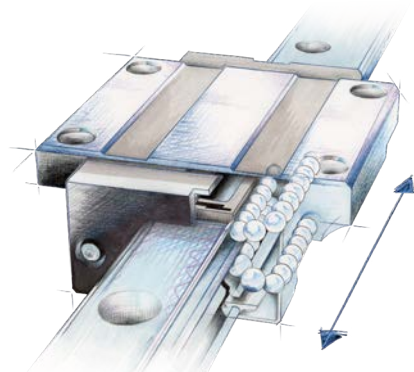
**4th Axis Rotary Table.**  
**Swarf Conveyor and Bin.**  
**Renishaw/Heidenhain Toolsetting and Probing.**  
**12,000 rpm Spindle.**  
**Through Spindle Coolant.**  
**Remote Electronic Handwheel.**  
**Side Vision Panels.**  
**Offline Programming.**  
**ShopMill Advanced Software.**  
**Contour Handwheel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

	<b>XYZ I600 LR</b>
X travel	1,600 mm
Y travel	660 mm
Z travel	635 mm
Table size	1,600 x 660 mm
Spindle centre to column	750 mm
Spindle to table	105 - 740 mm
Column front to table centre	370 - 1,030 mm
Rapid feed XYZ axis	20,000 mm/min
Cutting feed rates	1 - 20,000 mm/min
Max table load	1,000 kg
T slot size	18 mm
T slot number & pitch	5 @ 100 mm
Spindle speed	8,000 rpm (12,000 rpm opt)
Spindle motor	20 HP / 15 kW
Spindle taper	BT 40
Tool magazine capacity	24
Tool change time tool to tool	2.5 sec
Max tool diameter	80 mm
Max tool weight	8 kg
Coolant capacity	160 L
Ballscrew size (grade C3)	40 mm P8
AC servo motor size	X and Y 12Nm Z 16Nm
Machine weight	6,500 kg
Footprint W x D x H	4,000 x 2,650 x 3,000 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.



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.**



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