

XYZ SS 65

**TWIN
SUB SPINDLE**

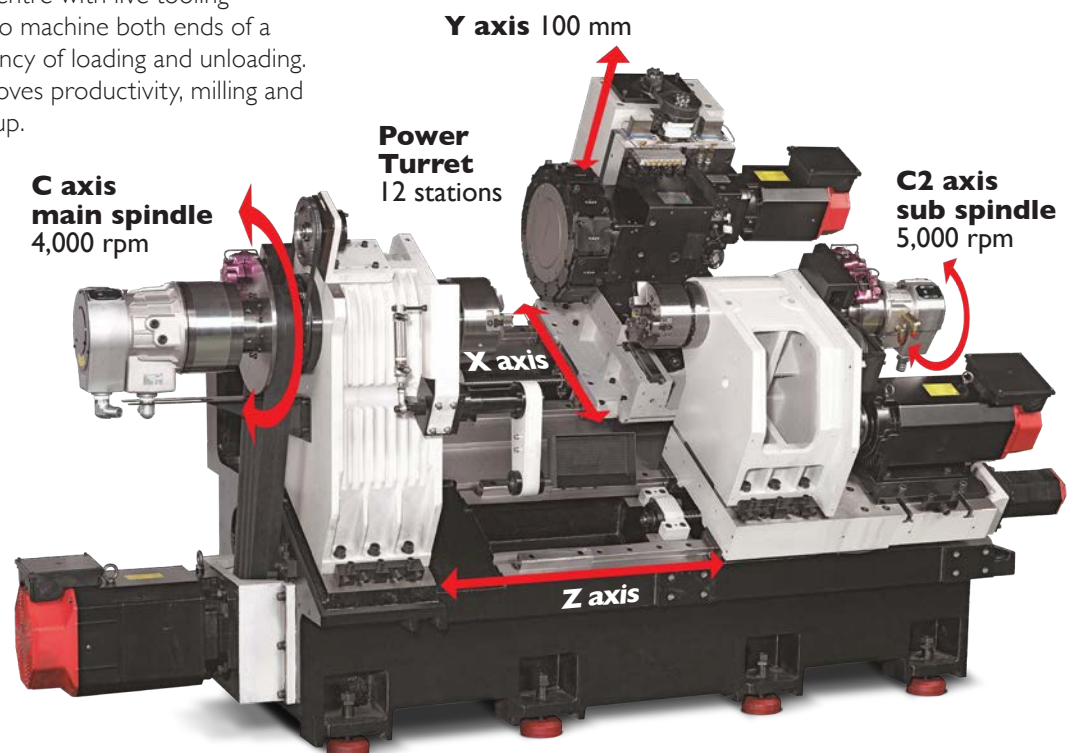
**SIEMENS
Touchscreen**



This new machine in the XYZ range is perfect for those larger production runs, where the whole job is best done in one hit.

The twin / sub spindle turning centre with live tooling and Y axis gives you the ability to machine both ends of a component reducing the frequency of loading and unloading. This reduces idle time and improves productivity, milling and turning can be done in one set up.

The 30° one-piece slant bed provides a rigid base. Linear ways ensure faster movement and precision.





Standard Equipment

**Siemens 828 ShopTurn/ShopMill
Touchscreen Control.**
200mm Hydraulic Chuck on Main Spindle.
150mm Chuck on Sub Spindle.
Sauter "German" Turret 12 Station VDI40.
Y Axis.
Live Tooling.
Parts Catcher.
Swarf Conveyor and Bin.
Renishaw Automatic Toolsetting Probe.
C Axis for Complex Contour with Brake.
30° One Piece Slant Bed.

Optional Equipment

Bar Feed.
Collet Chuck.
Contour Handwheel.
Advanced Swarf Management.
Offline Programming.

	XYZ SS 65
Main Spindle	
Main spindle motor	16.5 kW (23HP)
Max. spindle speeds	4,000 rpm
Bar capacity	Ø 65 mm
Main spindle nose	A2-6
Power chuck diameter	200 mm
Sub Spindle	
Sub spindle motor	11 kW (15HP)
Sub max main spindle speeds	5,000 rpm
Sub spindle hole diameter	Ø 52 mm
Sub spindle nose	A2-5
Sub power chuck diameter	150 mm
Swing over bed	Ø 650 mm
Swing over cross slide	Ø 380 mm
Max turning diameter	Ø 380 mm
Max turning length	520 mm
Tool holder	VDI40 live
Y axis	+/- 50 mm (100 mm)
Live tool max speed	6,000 rpm
Number of tool stations	12
Tool size	25 x 25 mm
Boring bar dia.	Ø 40 mm
Rapid feed rate	24 m/min
X-axis ballscrew	Ø 32 mm x P10 x C3
Y-axis ballscrew	Ø 28 mm x P6 x C3
Z-axis ballscrew	Ø 32 mm x P10 x C3
Z2-axis ballscrew	Ø 32 mm x P10 x C3
Servo motor torque (X / Z)	11 / 16Nm
Positioning accuracy	+/- 5µm
Repeatability accuracy	+/- 2µm
Coolant capacity	480L
Coolant pump delivery	135 L/min @ 2.5 Bar
Length without chip conveyor	4,020 mm
Length with chip conveyor	4,485 mm
Depth	3,135 mm
Height	1,950 mm
Weight	5,000 kg



**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.



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