

XYZ CT 65 LTY

SIEMENS
Touchscreen

HARDENED BOX
SLIDEWAYS



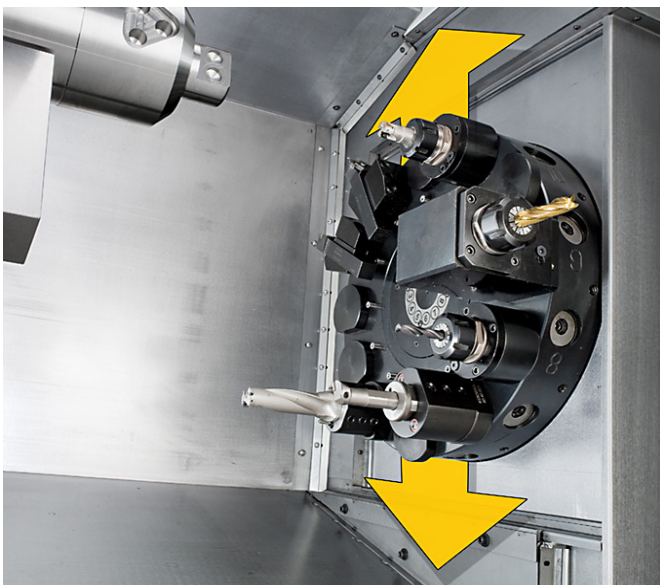
Spindle: 17kW (23hp) 4,000 rpm
Spindle Bore: 65mm
Travels: 220 x 70mm x 500mm
Machine Weight: 4,400kg



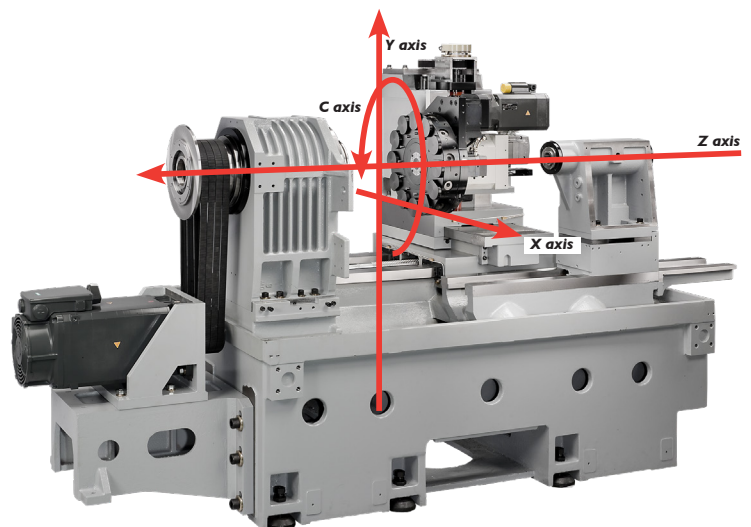
The XYZ CT 65 LTY Turning Centre for quick one hit mill/turn production.

The smallest Y axis turning centre in the XYZ range offers great production capabilities from a very small footprint. This solidly built and versatile box way Turning Centre has

standard equipment not normally found on machines of this type, including hydraulic chuck, 12 station VDI Sauter Turret, Renishaw tool setting, swarf conveyor and tailstock.



The 'Y' axis of the XYZ CT 65 LTY can travel 35mm above and below centreline (70mm total travel), making easy work of most components that would normally require milling and turning operations.



The CT 65 LTY is a solid cast machine with box ways that forms the base for precision turning and rigid milling.

XYZ CT 65 LTY

Standard Equipment

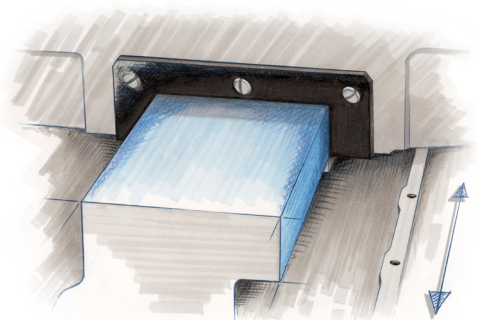
- Siemens 828D ShopTurn Touchscreen Control.
- PLC written by Siemens UK.
- Hydraulic 200mm 3 Jaw Chuck.
- Sauter 'German' VDI Turret.
- Parts Catcher.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- USB Port.
- Networking.
- Renishaw Automatic Tool Setting Arm.
- Swarf Conveyor & Bin.
- Programmable Hydraulic Tailstock.

Optional Equipment

- Collet Chuck.
- Bar Puller.
- LNS or Hydrafeed Bar Feed Systems.
- Offline Programming.
- Siemens CAD Reader.
- Contour Handwheel.
- Gear Hobbing.
- Polygon Turning.
- Advanced Swarf Management System.
- Hydraulic 250mm 3 Jaw Chuck.

With Hard Box Way slides

The **XYZ CT 65 LTY** features the latest in high quality Hard Box Way slide technology.



Specification	XYZ CT 65 LTY
Power Chuck Diameter	200mm
Maximum Swing	320mm
Swing Over Carriage Cover	320mm
Maximum Turned Diameter	220mm
Maximum Turned Length	490mm
X Axis Travel	220mm
Y Axis Travel	70mm (+/- 35mm)
Z Axis Travel	500mm
Spindle Centre Height from Floor	1,210mm
Height from floor to spindle centre	1,200mm
Spindle Nose	A2-6
Spindle Bore (Drawtube Capacity)	65mm
Spindle Front Bearing Internal Dia	110mm
Spindle Speeds	4,000 rpm
Spindle Motor	17kW (23hp)
Min Speed for Full Power	1,500 rpm
Rapid Feedrate	20 M/min
Slideway Type	Hardened Box Way
Ballscrew	X = 28mm / Z = 40mm
Servo Motor	X = 8 Nm / Y = 6 Nm / Z = 11 Nm
Toolchanger	12 Station 30VDI Turret
Tool Section Size	20 x 20mm
Max Boring Bar Diameter	32mm
Tailstock Quill Taper	MT4
Quill Diameter	75mm
Quill Travel	90mm
Max Quill Thrust	800kg
Coolant Tank Capacity	160L
Coolant Pump Delivery	30 L/min @ 0.8 Bar
Machine Weight	4,400kg
Footprint	3,300 x 2,270 x 2,270mm

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