

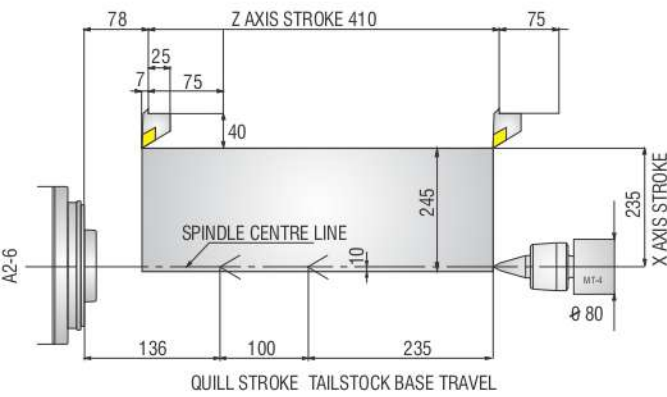
CS-2 XL 400



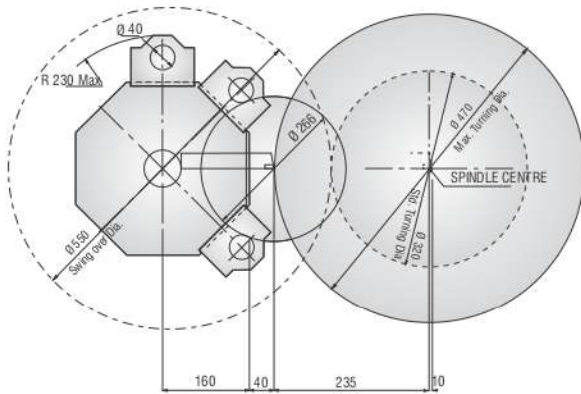
Machine Features

- Compact footprint
- Large swing over bed
- Stepped Cast bed construction
- Improved chip flow
- Cartridge type thermally stabilized spindle with high axial and radial rigidity
- Hardened and Ground Box guide ways on both axes
- 20 m/min rapid traverse rate
- Pre-tensioned ball screw support for both axes
- Servo Turret with wedge type clamping
- Tailstock with live centre
- Automatic centralized lubrication
- AC unit for electrical cabinets
- Basic Hydraulic system
- 100% ball bar tested
- Separate coolant tank-easy maintenance

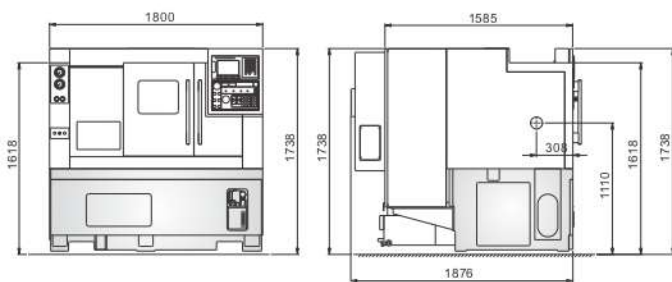
Machining Range Diagram



Interference Diagram



Overall Views



All dimensions are in mm

Manufactured by:

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SPECIFICATIONS

CS-2 XL 400

Capacity

Swing Over Bed	550 mm
Swing over carriage	300 mm
Maximum Turning Dia.	320 mm
Maximum Turning Length	400 mm
Distance between Centres	456** mm

Control System

Fanuc Oi-Mate-TD

Spindle

Spindle Nose	A2-6
Max. Bar Capacity	52* mm
Bore through Spindle	63 mm
Max. Spindle Speed	4000 rpm
Spindle Motor Power (15 min. Rating)	11 kW
Spindle Motor Power (Continuous Rating)	7.5 kW
Full Power Range	1166 - 2625 rpm
Standard Chuck Size	200 mm

Axes

Type of Guideways	Hardened Ground Box Guideways
X-Axis Stroke	245 mm
Z-Axis Stroke	410 mm
X & Z Axes Rapid Rate	20 m/min.

Tooling

Turret Type	Servo turret
Number of Tools Maximum	8/(12)
Boring Bar Dia Maximum	40 mm
OD Turning Tool Size	25 x 25 mm

Tailstock

Tailstock Base Travel	235 mm
Tailstock Quill Travel	100 mm
Tailstock Quill Dia.	80 mm
Quill Taper	MT-4

Hydraulic System

Hydraulic Pump Capacity	14 lpm
Hydraulic Power Pack Tank Capacity	45 litre
Coolant Tank Capacity	150 litre

Overall Machine Dimensions(L x W x H) 1800 X 1876 X 1738 mm

Overall Weight (Without Packing) ~ 4000 kg

** Refer machining rangediagram

() - Values mentioned in bracket are optional

* With appropriate work holding

Owing to continuous up-gradation of our products, the specification may change and to be reconfirmed at the time of ordering. Features shown may not be part of the standard equipment.

