

## 2TSL-1275



### Standard Accessories

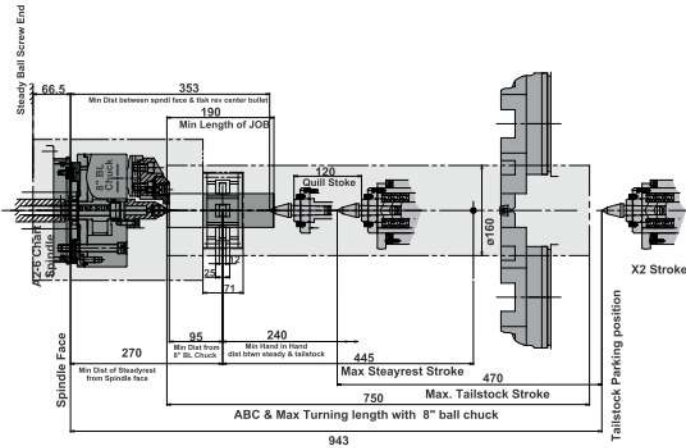
- A2-6 Cartridge Spindle
- Ac Spindle And Axes Drives
- Precision Lm Guide Ways
- Bi- Directional 6 Station Servo Turret
- Servo Tailstock With Programmable Quill
- Servo Steady Rest ( $\phi 10$ - $\phi 64$ )
- Automated Centralised Oil Lubrication
- Fail Safe Brake For X Axes & Tailstock
- Air Conditioner Unit For Electrical Cabinet
- Drain Line Cooler
- Coolant Tank With Chip Tray
- Auto Door

### Optional Accessories

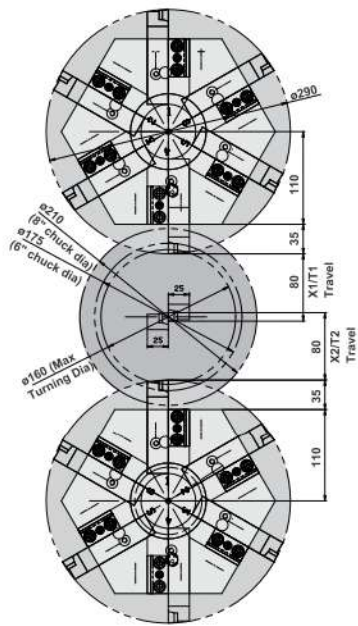
- Coolant Tank With Conveyor
- Turn Mill
- Automated Work Rest
- Centralised Chip Tray
- Bed Flushing / Air Gun
- Electronic Hand Held Mpg
- TPM-Track Productivity Monitoring System
- Single Touch Cycle Start
- Customised Power Operated Work Holding
- Fully Toolled Up Solutions
- Voltage Stabilizer
- Laser Calibrated Axes
- Door Interlock

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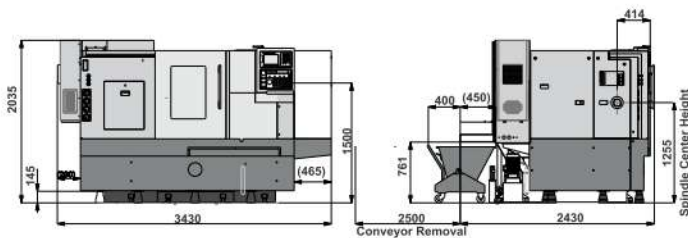
## Machining Range Diagram



## Interference Diagram



## Overall View



All dimensions are in mm

## Specifications

2TSL -1275

Control System	Fanuc
Capacity	
Swing Over Bed	285 mm
Swing Over Cross Slide	285 mm
Maximum Turning Dia.	160 mm
Standard Turning Dia.	20-60 mm
Maximum Turning Length	750 mm
Admit Between Centre	750 mm
Spindle Centre Height	1125 mm
Main Spindle	
Spindle Nose	A2-6
Through Spindle hole Dia	63mm
Spindle Bearing Inner Dia	100 mm
Max. Spindle Speed	3500 rpm
Spindle Motor Power (30 min. Rating)	15 kW
Spindle Motor Power(Continuous Rating)	11 kW
Standard Chuck Size	250 mm
Axes	
Type of Guideways	Linear motion
X-Axis Stroke (X1 & X2)	80 mm
Z-Axis Stroke (Z1 & Z2)	800 mm
X & Z Axes Rapid Rate	20 & 30 m/min.
Tooling	
Turret Type	Horizontal axis 6 station
Number of Tools Maximum	6
Shank Height for Square Tool	25 mm
Tailstock	
Tailstock Travel	470 mm
Quill Dia	80 mm
Quill Travel	120 mm
Quill Taper	Built in center with MT-2 Taper
Steady Rest	
Steady Rest Travel (z-direction)	445 mm
Steady Rest Lateral Travel	80 mm
Min Distance From Spindle Face	270 mm
Min Distance From 8" Ball Lock Chuck Face	95 mm
Hydraulic System	
Hydraulic Pump Capacity	14 lpm
Hydraulic Power Pack Tank Capacity	45 litre
Coolant Tank Capacity	200 litre
Overall Machine Dimensions(L x W x H)	3430 X 2430 X 2035 mm
Overall Weight (Without Packing)	~ 4500 kg

Note: Specification correct at the time of print. 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.

Manufactured by:

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