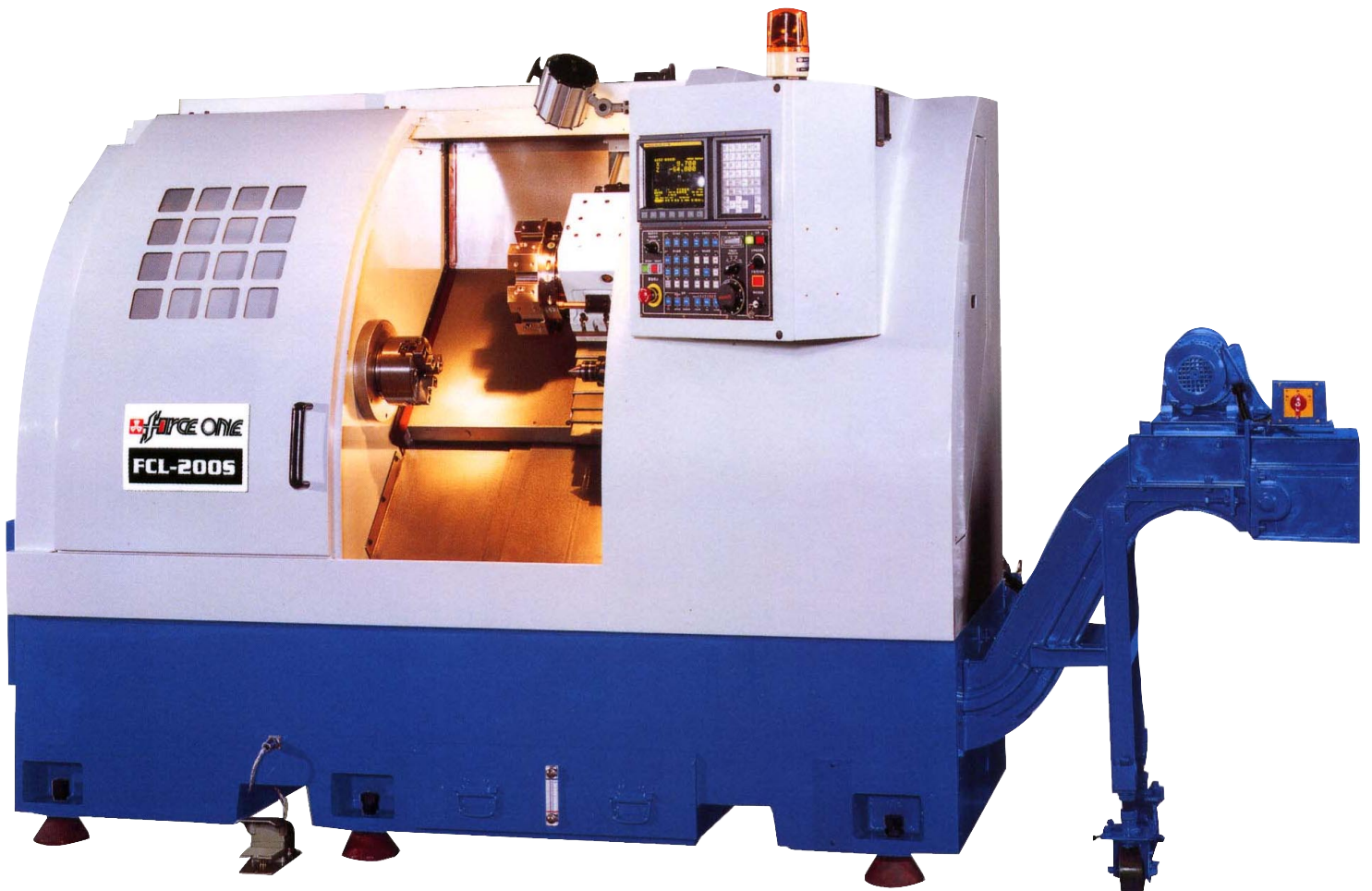


# FCL-200S

## CNC Precision Lathe



**FCL-200S SPECIFICATION:**

MODEL		FANUC Oi -TC		FANUC Oi -MATE TC	
Capacity	No.of axis	STD: 2-axis			
		OPT: 3-axis (C-axis)		NONE	
	Swing over bed	Ø 480mm( 8.9")			
	Max. turning dia	Ø 280mm( 11.02")			
	Working length	508( 20")			
Spindle	Spindle nose bar internal taper	ASA A2-6			
	Spindle bore	Ø 61mm( 2.4")			
	Bar capacity	Ø 51mm( 2")			
	Hydraulic chuck	Ø 210mm( 8")			
	Range of spindle speed	4200 rpm			
	Living tools speed	Option:25-4000rpm	NONE		
	No.of spindle speed	infinitely variable			
Cross slide ( X-axis) & Carriage ( Z-axis)	X-axis travel	176mm ( 6.93")			
	Z-axis travel	520mm ( 20.47")			
	Rapid traverse speed ( X-axis )	30m / min (1181 imp)			
	Rapid traverse speed ( Z-axis )	30m / min (1181 imp)			
	Cutting feed rate (Both-axis)	0.001- 500 mm / rev.			
Turret	Tool station (Random)	Std : Hydraulic Turret LS-160A-8T			
	O.D.tooling	20 x 20 mm			
	I.D.tooling	Ø 32mm (1.25")			
Motor	Main spindle (continuous)	750/ 6000 rpm	AC9kw (12HP)	1500/ 7000 rpm	11kw (15HP)
	Main spindle ( 30 min.rating)		AC11kw (15HP)		15kw (20HP)
	X-axis	1.6 kw ( 2.15HP)		1.8 kw ( 2.4HP )	
	Z-axis	1.6 kw ( 2.15HP)		1.8 kw ( 2.4HP )	
	Hydraulic oil pump	1HP			
	Coolant pump	1/ 4HP			
Programmable Tailstock	Quill dia.	Ø 75mm ( 2.95")			
	Quill stroke	80mm ( 3.15" )			
	Taper of center	MT NO.4			
	Tailstock travel	425mm (16.73)			
Tank Capacity	Hydraulic Tank	40 Litre			
	Coolant Tank	80 Litre			
Measurement	Floor space( Lx W )	3350mm x 1830mm ( with chip conveyer)			
	Hight	1800mm			
	G.Weight	4400kg / 5330kg			

**Standard Accessories:**

- 1.1/4 HP coolant pump
- 2.80 liter capacity cooling tank
- 3.Hydraulic turret 8-position, type:160A
- 4.Auto. lubrication system
- 5.Tool & tool box
- 6.Work lamp
- 7.M30 program stop light
- 8.Hydraulic unit
- 9.Heat exchanger unit of electric box cooling
- 10.Programmable hydraulic tailstock

**Optional Accessories:**

- 1.Chip conveyer and bucket
- 2.C.E.electric control
- 3.Auto tool setter measurement
- 4.C-axis contour capability
  - a.Duplomatic SMODT, VDI, 12-position power turret with Fanuc alpha SPINDLE motor (Excluding rotating tool holder and tools)
  - b.High resolution magnetic puls coder incorporated into main AC spindle motor for precision contour / index control
  - c.Hydraulic disk brake for locking and stabilization during milling and contouring
- 5.Main power transformer
- 6.Auto door
- 7.Auto parts catcher
- 8.Prevent crash install of each axes. ( Safety equipment )
- 9.Bar feeder
- 10.Parts cut off detector
- 11.Servo Turret
- 12.High pressure coolant pump
- 13.VDI DISK