



CHAMPION ENGINEERING WORKS

Mfrs. & Exporter of Lathe Machines & Other Industrial Machineries



Office / works : A-37/1, Mayapuri Industrial Area, Phase-1, New Delhi-64
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CHAMPION CNC Lathe Machine Model: CXCL:250F



(*This image is representation purpose only. Actual product may vary from the image)

Control System	CNC System/ Controller		Fanuc Oi - TF
Capacity	Maximum Turning Dia.	mm	Φ 320
	Swing Over Bed	mm	Φ 500
	Maximum Turning Length	mm	400
	Swing Over Carriage	mm	225
Spindle	Spindle Nose		A 2-5
	Standard Bar Capacity	mm	Φ 25
	Bore Through Spindle	mm	Φ 47
	Max. Spindle Speed	rpm	4000
	Spindle Motor Power (15 min. rating)	kw	7.5
	Spindle Motor Power (Continuous rating)	kw	5.5
	Constant Power Range: 15 min. rating	rpm	1000 – 3000
	Constant Power Range: Continuous rating	rpm	1333 - 3000
	Type	No.	BTP-63
	Number of Stations	No.	8
	OD Turning Tool Size	mm	25 X 25



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Turret	Max. Boring Bar Capacity	mm	40
Tail Stock	Tail Stock Base Travel	mm	235
	Tail stock quill travel	mm	100
	Quill Dia.	mm	80
	Quill Taper		MT - 4
Accuracy	Positioning Accuracy	mm	0.008
	Repeatability	mm	0.007
X – Axis	Type of Guideways		Linear Motion Guideways
	X Axis Stroke	mm	165
	X Axis Rapid Rate	m/min	30
Z – Axis	Type of Guideways		Linear Motion Guideways
	Z Axis Stroke	Mm	400
	Z Axis Rapid Rate	m/min	30
Coolant System	Coolant Tank Capacity	l (litres)	110
Hydraulic System	Hydraulic Pump Capacity	lpm	14
	Hydraulic Power Pack Tank Capacity	l (litres)	45
	System Pressure	Kg/cm ²	30

	Accessories	Qty
	OD tool holder clamping blocks (for size 25 x 25mm shank)	8 Nos.
	Boring bar holders (Bore size Ø40 mm)	4 Nos.
	Sleeves for boring bar holders (Set consists of Ø32, Ø25, Ø20, Ø16, Ø12, Ø10 and Ø8 mm - 1 No. each)	1 Set
	'C' - Holder for facing tool (for size 25x25mm shank)	2 Nos.
	Sleeves for taper shank drills (Set consists of Ø40/MT- 3, Ø40/MT-2 and Ø40/MT-1 : 1 No. each)	1 Set
	Voltage Stabilizer	01No.
	Chip Conveyor with chip bin in lieu of coolant tank and chip tray	01No.
	Revolving Centre	01No.
	Cutting tools & its tool holder for Turning, Facing, Drilling, Boring, Threading, Undercutting & Knurling operations.	1 No. holder and 5 Nos. inserts
	One Set of hand tools for Normal Maintenance	1 set
	MPG (Manual Pulse Generator)	1 No.