



Excellence in Metal Cutting

VTL TURRET SERIES



VT

400 | 500 | 800 (A) | 800(B)

YANTRANG CNC
AUTOMATION PVT. LTD.



Excellence in Metal Cutting

VTL TURREST SERIES

Vertical Turning Lahte

TECHNICAL SPECIFICATION

CAPACITY	UNIT	400	500	800 (A)	800 (B)
MAXIMUM SWING DIA.	MM	600	750	1050	1050
MAXIMUM CUTTING HEIGHT	MM	500	700	750	900
DAYLIGHT	MM	500	700	750	900
STANDARD TURNING DIA.	MM	400	500	600	600
CHUCK SIZE	MM	400	400	600	600
MAX. TURNING DIA.	MM	550	700	800	800
X-AXIS TRAVEL	MM	300	380	430	430
Z-AXIS TRAVEL	MM	510	710	760	910
RAPID TRANSVERSE (X-AXIS)	M/Min.	20	15	15	15
RAPID TRANSVERSE (Z-AXIS)	M/Min.	15	15	15	15
MAIN SPINDLE					
SPINDLE MOTOR (Fanuc)	KW	11/15	11/15 (15/18)	15/18	15/18 (22/26)
SPINDLE MOTOR (Siemens)	KW	12/16	12/16 (15/18)	15/18	15/18 (22/26)
SPINDLE BORE		75	85	100	100
SPINDLE NOSE		A2-8	A2-8	A2-11	A2-11
SPINDLE SPEED RANGE	RPM	50-1500	50-1200	50-1000	50-600
FUL POWER SPEED RANGE	RPM	500-1500	375-1200	300-1000	300-600
TURRET		BTP-100	BTP-125	BTP-125	BTP-125
NUMBER OF STATION		8	8	8	8
MAX. BORING BAR DIA.		40	50	50	50
TOOL SIZE (CROSS SECTION)		25 x 25	32 x 32	32 x 32	32 x 32
OTHERS					
WEIGHT	KG.	3500	6500	7600	9300
POSITIONING ACCURACY	MM	0.007	0.009	0.009	0.01
REPEATABILITY	MM	0.007	0.007	0.007	0.007

NOTE : Specification Subject to Change without Prior Notice.

CONTROL SYSTEM FEATURES :

- Manual Data Input
- 2 Axis simultaneous
- Part Program Storage and Editing
- Constant Surface Speed Control
- Tool nose radius Compensation
- Feed rate override
- Circular Interpolation
- Threaded Cutting Cycle
- Direct drawing dimensions programming
- Absolute / Incremental programming
- RS-232 serial interface port
- Backlash Compensation
- Graphic Simulation
- Electronic hand wheel
- Run hour display
- LCD display
- Self diagnostick
- USB Port

OPTIONAL :

- 4 Jaw / 6 Jaw Power Chuck
- Automatic Pallet Changer
- Auto Loading / Unloading System
- Tools Setting Probe
- Spindle Gear Box
- Manual Chuck

YANTRANG CNC AUTOMATION PVT. LTD.

📍 NH-8B, GONDAL ROAD, OPP. PARIN FURNITURE,
INSIDE FROM RAILWAY CROSSING, GOVIND BAG,
KOTHARIYA, RAJKOT-360 022. (GUJARAT) INDIA.

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