



VTL QUILL SERIES



VQ

800-600 | 800-800 | 1000 | 1250
1500 | 1850 | 2000 | 2500 | 3000

YANTRANG CNC
AUTOMATION PVT. LTD.



Excellence in Metal Cutting

VTL QUILL SERIES

Vertical Turning Lahte

TECHNICAL SPECIFICATION

CAPACITY	UNIT	800/600	800/800	1000	1250	1500	1850	2000	2500	3000
MAX. SWING DIA.	MM	1050	1050	1250	1500	2000	2500	2800	3250	3600
MAXIMUM BORING LENGTH	MM	600	800	925	925	1200	1200	1200	1200	1200
MAXI. CUTTING HEIGHT (Optional)	MM	600	800	925	925	1200(1500)	1200(1500)	1200(1500)	1200(1500)	1200(1500)
DAYLIGHT (Optional)	MM	650	850	1000	1000	1280(1600)	1280(1600)	1280(2000)	1280(2000)	1280(2500)
STANDARD TURNING DIA.	MM	600	600	800	1250	1500	2000	2200	2500	3000
CHUCK SIZE / FACEPLATE	MM	530/800	530/800	600/1000	800/1254	NA/1500	NA/2000	NA/2200	NA/2500	NA/3000
MAX. TURNING DIA.	MM	800	800	1000	1250	1800	2000	2500	2800	3500
X-AXIS TRAVEL	MM	450	450	600	700	850	1350	1850	1950	2250
Z-AXIS TRAVEL	MM	600	800	925	925	1200	1200	1200	1200	1200
CROSS SLIDE TRAVEL (Optional)	MM	-	-	-	-	(700)	(700)	1000 (1500)	1000 (1500)	1000 (1500)
RAPID TRANSVERSE X-AXIS	M/Min.	10	10	7	7	5	5	5	5	5
RAPID TRANSVERSE Z-AXIS	M/Min.	10	10	7	7	5	5	5	5	5
SLIDE										
X AXIS GUIDEWAY		BOX	BOX	BOX						
Z AXIS GUIDEWAY		OCTA SHAPE	OCTA SHAPE	OCTA SHAPE						
MAIN SPINDLE										
SPINDLE MOTOR (Optional)	KW	22/26	22/26	22/26	30	30	55	60 (75)	60 (75)	60 (75)
SPINDLE BORE		100	100	110	110	110	110	110	110	110
SPINDLE NOSE		A2-11	A2-11	A2-15	A2-15	A2-15	FLAT	FLAT	FLAT	FLAT
SPINDLE SPEED RANGE	RPM	50-550	50-550	50-400	50-350	25-200	5-100	5-100	5-100	5-100
FUL POWER SPEED RANGE	RPM	200-500	200-500	100-400	75-350	25-200	5-100	5-100	5-100	5-100
ATC BT-50										
NUMBER OF STATION		8	8	8	8	8	8	8	8	8
MAX. BORING BAR DIA.		40	50	50	50	50	50	50	50	50
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	32 x 32	32 x 32	32 x 32				
OTHERS										
WEIGHT	KG.	6800	8000	11000	12500	15000	20000	28000	35000	39000
POSITIONING ACCURACY	MM	0.01	0.01	0.01	0.015	0.015	0.015	0.015	0.015	0.015
REPEATABILITY	MM	0.01	0.01	0.01	0.015	0.012	0.015	0.015	0.015	0.015

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,
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