



# High Speed High Performance CNC Turn- Mill Multi – Tasking with Y-axis



## Standard Features

- Hydraulic Collet Chuck
- Gang Type Tooling
- Multi key operator Panel
- 3 Stage tower light
- Automatic Lubrication System
- Coolant System
- Fully Enclosed Guarding
- Hydraulic power pack
- Fanuc Control
- Servo Spindle with C-Axis
- Heavy duty roller guide ways

## Optional Features

- Hydraulic Chuck
- Special Spindle Bore Diameter
- Tool turret
- Chip Conveyor
- Servo Live Tooling
- Bar Feeder (Servo)
- Panel Air conditioner
- Polygon attachment
- Direct drive Integral spindle
- Disc braking in spindle

Specifications						
	Particulars	Unit	MT-25	MT-32	MT-42	MT-55
Capacity	Collet Chuck/Chuck		A-25 Collet/ *Chuck -5"	A-32 Collet/ *Chuck 6"	A-42 Collet/*Chuck 6"	A-62 Collet /*Chuck 8"
	Max. swing over bed	mm	150	185	250	350
	Max. Job length	mm	50 mm / 80 mm	65 mm / 100 mm	75 mm /130 mm	75 mm / 160 mm
	Max. swing over slide	mm	90	120	150	170
Spindle	Spindle bore	mm	40	48	55	70
	Max. dia of through bore	mm	25	25	46	62
	Spindle Nose		A-2/5	A-2/6	A-2/6	A-2/8
	Max spindle speed	rpm	4000 /*5000	4000 / * 5000	3000 /*4000	2000 /*3500
	Spindle power	Kw	3.7 / 5.5	3.7 / 5.5	5.5 / 7.5	7.5 / 11
Axis	Z-axis travel	mm	220	250	250	300
	Z-axis rapid traverse	m/min	20	20	20	20
	Z-axis LM guide	mm	25	25	30	35
	Z-axis ball screw	mm	25	25	32	32
	X-axis travel	mm	300	350	400 /*500	500 /*600
	X-axis rapid traverse	m/min	20	20	20	20
	X-axis LM guide	mm	25	25	30	30
	X-axis ball screw	mm	25	25	32	32
	Y-axis travel	mm	100	160	220	300
	Y-axis rapid traverse	m/min	20	20	20	20
	Y-axis LM guide	mm	20	25	30	30
	Y-axis ball screw	mm	20	25	32	32
Tools and Turret	Type		Linear Gang	Linear Gang	Linear Gang /*Turret	Linear Gang / * Turret
	No. of tool stations	No.	4 - 5	4 - 6	5 - 8	5 - 8
	OD Tool Shank	mm	20 x 20	20 x 20	20 x 20	20 x 20
	ID Tool Shank	mm	20	20	20	20
	No. of Live Tools (Optional)	No.	*2 (Radial ) + *2 (Axial)	*3 (Radial) + *3 (Axial)	*4 (Radial) +* 4 (Axial)	*5 (Radial) + *5 (Axial)
Coolant	Coolant Pump	Kw	0.5	0.5	0.5	0.5
	Coolant Tank Capacity	Ltrs	150	200	250	250
	Chip Disposal		Chip Tray / * Chip Conveyor	Chip Tray / * Chip Conveyor	Chip Tray / * Chip Conveyor	Chip Tray / * Chip Conveyor
Lubrication	Type		Automatic Centralized	Automatic Centralized	Automatic Centralized	Automatic Centralized
Electrical	Main supply	V/Ph/H z	415/3/50	415/3/50	415/3/50	415/3/50
	Connected load	Kw	11	11	15	18
Dimension	Floor Area (L x W x H)	mm	1250 x 1250 x 1800	1250 x 1250 x 1800	1400 x 1400 x 1900	1600 x 1400 x 1900
	Weight	Kgs	1600	1800	2400	2800

“\*” means Optional feature

### 3A YANTRA INC.

**Plot no. 03, khashra no. 56-57, Garhi - Guldhar**

**Vardan Hospital Road, Meerut Road**

**Ghaziabad-201003 (U.P.)**

Contact No. +91-9999264563

Email ID – [3ayantrainc@gmail.com](mailto:3ayantrainc@gmail.com) Website: - [www.3ayantra.com](http://www.3ayantra.com)