

**RAPID – 0 TT / LT CNC CHUCKERS**  
**RAPID – 6 TT / LT CNC CHUCKERS**  
**RAPID – A 32 LT CNC CHUCKERS (A-32 COLLET)**



## Salient Features

- ▶ Cartridge spindle with runout 0.003 mm
- ▶ Centralised Lubrication System
- ▶ Inbuilt coolant tank
- ▶ Low Power consumption.
- ▶ Manual Pulse generator (MPG) (Optional)
- ▶ Laser calibration certificate (Optional)
- ▶ Collet type spindle to replace with single spindle automates
- ▶ Precision LM guides & grounded ball screws
- ▶ Compact foot print
- ▶ Coolant leakage free guards design
- ▶ Threading cycle (Optional)
- ▶ Panel Air conditioner (Optional)
- ▶ Bar feed & parts catcher for A-32 (Optional)
- ▶ Linear tooling for reduce indexing time for smaller components

## Technical Data

Model	Rapid-0 LT	Rapid-0 TT	Rapid-6 LT	Rapid-6 TT	Rapid-A32 LT
<b>Capacity:</b>					
Swing over X slide (mm)	55	120	63	140	55
Swing over Z slide cover (mm)	300	300	350	350	300
Max. Turning dia. (mm)	135	135	135	135	32
Max. Turning length (mm)	150	150	200	200	150
<b>Main Spindle:</b>					
Spindle nose	A2-4	A2-4	A2-4	A2-4	A-32
Spindle bore (mm)	42 mm	42 mm	42 mm	42 mm	32 mm
Check size (mm)	135 mm	135 mm	135 / 165 mm	135 / 165 mm	
Chuck Cylinder	Closed Bore	Closed Bore	Closed Bore	Closed Bore	Thru bore
Spindle motor (3ph, 415V, 50Hz) (kW)	3.7	3.7	5.5	6/6	3/3
Spindle speed (rpm)	300 – 3000	300 – 3000	50 – 4000	50 – 4000	300 – 3000
<b>Slides:</b>					
X stroke (mm)	200	100	250	150	200
Z stroke (mm)	200	200	250	250	200
Rapid traverse (mm/min)	10	10	15	15	10
Ball screw [dia. x pitch] (mm)	20 x 5	20 x 5	26 x 5	26 x 5	31
Thrust X & Z (kgf)	200	200	250	250	200
<b>Turret / Tools</b>					
No. of positions	-	8 (Bi-direction)	-	8 (Bi-direction)*	.
No. of tool holders	4*	8	4*	8	4*
Max. Boring bar capacity (mm)	25	25	32	32	25
Tool shank (mm)	16	16	20	20	16
<b>Controller</b>					
CNC system	Siemens 802C )Gbovd!P!nbuf TC / NERI 98 T		Siemens 802C / Siemens 802D / Fanuc Oi mate TC / NERI 98 T		Siemens 802C / NERI 98 T
<b>Accuracy</b>					
Positioning (mm)	0.016	1/116	1/116	1/116	1/116
Repeatability (± mm)	0.003	0.003	0.003	0.003	0.003
<b>Installation data</b>					
Dimension [L x W x H] (mm)	1700x900x2200	1700x900x2200	2000x1000x2200	2000x1000x2200	1700x900x2200
Total power required (KVA)	9	9	23	23	6
Weight (kg)	1300	1300	1700	1700	1300
Pneumatic operated collet locking system					
* No. of tool holders vary subject to component size					



ISO 9001 : 2008 CERTIFIED

S.F.No 18/2B, Jaganathan Indl. Estate, Athipalayam Road, Chinnavedampatti,  
Coimbatore-641 006.Tamilnadu, India.

Phone : +91-422-6581351, 6527362, 3299969, 2667272 , Fax : +91 422 2665848

E-mail : [info@rvmachinetools.in](mailto:info@rvmachinetools.in), [sales@rvmachinetools.in](mailto:sales@rvmachinetools.in),

web:[www.rvmachinetools.in](http://www.rvmachinetools.in)

• Due to continual improvement designs are subject to change with out pror notice.