

## CNC INTERNAL GRINDER



*i* - Grind 50



● Total solutions ● Total customer service

**Ace Micromatic**  
Group Company

## SPECIFICATIONS

DESCRIPTION	UNIT	VALUE
<b>CAPACITY</b>		
Maximum Rotating diameter of component	mm	120
Maximum Grinding Diameter	mm	50
Minimum Grinding Diameter	mm	5
Grinding Depth Max.	mm	70
Maximum component weight (Including Chuck)	kg	50
Working height from floor	mm	1000
Max Chuck dia.	mm	160/220
<b>CROSS TABLE INFEEED ( X AXIS )</b>		
Table stroke	mm	150
Rapid feed rate	m/min	10
Minimum Increment / Pulse on diameter	mm	0.001
Feed servomotor torque	Nm	6/8
<b>LONGITUDINAL TABLE ( Z - AXIS )</b>		
Table stroke	mm	250
Rapid feed rate	m/min	10
Minimum Increment / Pulse	mm	0.001
Feed servomotor torque	Nm	6/8
<b>WORKHEAD</b>		
Spindle Range with Ind.motor	rpm	280/450/710/1120
Ind. motor	Kw	0.75
Speed Range with AC Servo Motor (Optional)		1200 (Infinitely variable)
Spindle nose external	No	A2-4
Swiveling range (Chuck Dia. Max. 220)	Deg.	- 3/ + 10
(Chuck Dia. Max. 160)		- 3/ + 30
<b>INTERNAL GRINDING HEAD</b>		
Spindle Size- dia.x length (max. RPM) Greased packed	mm(rpm)	60x200 (35,000)
Power	Kw	2.2
Optional-Spindle Size- dia.xlength (max. RPM) Greased packed/Air-Oil Lub.	mm(rpm)	80x250 (25,000)
Optional-HF Spindle dia.(max. RPM)		
Air-Oil Lub.	mm(rpm)	120 (30,000)
<b>CONTROL SYSTEM</b>		
		Siemens/Fanuc
<b>GENERAL</b>		
Operation voltage	volts	415 + 10 % AC 3 Phase
Total connected load	kW	25
Machine weight	kg	2500 (Approx)



### Head office

C-27 & 28, Industrial Area, Meerut Road, Ghaziabad - 201003 (U.P.)  
Tel.: +91-120-2712137/69/79, 2723216, Fax: +91-120-2717823

### Bangalore Plant

5/A, Servey No.74, 103, 106, 107, KIADB, Industrial Area,  
Dobaspet, Nelamangala Taluk, Bangalore, Karnataka - 562 111,  
Tel.: +91-080-27735383/85/86/87, 27702449, Fax: +91-080-27735384

### Marketed and Serviced by :

#### **Micromatic Machine Tools Pvt. Ltd.**

- **AURANGABAD:** Ph: 0240-2552309    • **CHENNAI:** Ph: 044-40440700    • **GURGAON:** Ph: 0124-4745500    • **KOLKATA:** Ph: 033-23648781    • **PUNE:** Ph: 020-27479661
- E-mail: mmtaur@acemicromatic.com    Email: mmtche@acemicromatic.com    Email: mmtdel@acemicromatic.com    Email: mmtkal@acemicromatic.com    Email: mmtpune@acemicromatic.com
- **BANGALORE:** Ph: 080-40200555    • **COIMBATORE:** Ph: 0422-4506183    • **KOLHAPUR:** Ph: 98906 23202    • **MUMBAI:** Ph: 022-26862017
- Email: mmtblr@acemicromatic.com    Email: mmtcbe@acemicromatic.com    Email: rafikm@acemicromatic.com    Email: mmtbom@acemicromatic.com

### Service Centers at :

- AHMEDABAD • AMBATUR • BELGAUM • BOMMASANDRA • CHAKKAN • DELHI • FARIDABAD • HYDERABAD • INDORE • JAMSHEDPUR • LUDHIANA • NASIK
- RAJKOT • RANIPET • RUDRAPUR • SRI PERAMBUTUR • TAMBARAM • THANE • TRICHY

E-mail: info@micromaticgrinding.com

Website: www.micromaticgrinding.com

**Ace Micromatic**  
Group Company