



Machine Specifications of MICROTEK ECGH 450S CNC

SL No	Specification	Unit	Offered
1	Machine		Straight Wheel head Cyl. Grinding machine
2	Swing Over Table	mm	450
3	Grinding Diameter Max.	mm	100
	<u>Infeed Slide i.e Wheel slide (Z-axis)</u>		
5	Max. stroke	mm	275
6	Wheel Rapid Feed	mm/min	10000
7	Wheel Min Increment / pulse	mm	0.001
8	Wheel Feed Servo Motor Torque	nm	12
	<u>Wheel head</u>		
9	Grinding Wheel Size	mm	600 X304.8x63
10	Power	Hp	10
11	Peripheral Speed	m/sec	45
	<u>Work head</u>		
12	Swivel range	deg	0-03 with vernier scale
13	Speed speed (Stepless)	rpm	60-600 rpm
14	AC Induction Motor Power	hp	1.5
15	Spindle taper	MT	5
16	Work Head Slide Stroke	mm	Fixed Type
	<u>Table slide (z-axis)</u>		
17	Max. stroke	mm	600
18	Max. speed	mm/min	10000
19	Minimum increment/pulse	mm	0.001
20	Feed Servomotor Torque	nm	12
	<u>Dresser</u>		
21	Spindle size		Roll dresser Wendt
22	Speed	rpm	3000 rpm
23	Type		Press fit type Roller on Mandrel
	<u>Hydraulic unit</u>		
24	Tank capacity	Ltrs	40 lts
25	Motor power	Hp	1
26	Operation Voltage	Volts	440 AC ,3 Phase,50 cycles AC
27	Weight of machine	Kg	4000
28	Floor Space	mm	2650X3250
29	Lubrication		Centralised