

SPECIFICATION FOR CNC CYLINDRICAL GRINDING MACHINE (STRAIGHT)

GENERAL

Centre Height	mm	150 / 200 / 300
Max. Grinding Length	mm	600/800/1000/1250/1500

CNC SYSTEM

		SIEMENS 802 D
Rapid Feed (X & Z axes)	mm/min	7000
Min. Incremental Feed	mm/min	0.001

GRINDING WHEEL HEAD (PMT - Straight)

Grinding wheel Diameter	mm	400 / 450 / 500 / 750
Grinding Wheel Width	mm	40 / 50 / 75 / 120
Wheel surface speed	m/sec	35 / 45
Motor power	hp	5 / 7.5 / 10

Grinding Wheel Head (PMT - Heavy Duty / Twin wheel)

Grinding Wheel Diameter	mm	400 / 450 / 500
Grinding Wheel Width	mm	75 / 120 / 150

WORK HEAD

Speed Range (Stepless)	rpm	25 - 450
Spindle Nose Taper	MT	4 OR 5
TAIL STOCK	MT	4 OR 5

EXTRA ACCESSORIES

In - process Gauge for automatic size control, Flagging device, Automatic wheel balancing device, Crash control & Gap System, automatic main door opening and closing system another accessories will be provided optionally on customer demand

FEATURES

Simultaneous Control of 2 axes & a spindle (work head) through CNC
Cartridge type grinding wheel spindle, having high precision anti-frication bearings & with 45 m/s cutting speed
Multi diameter grinding, traverse, Taper, Radius & Profile

AUTOMATION

Robotic Pick and place loading system, auto loader Gantly.