

CNC Surface Grinding (JUMBO)

Offering a quality range of grinding machine, surface grinding machine, hydraulic surface grinding machine, hydraulic grinding machine and CNC surface grinding machine.



Technical Specification

| CAPACITY | | C2X 2040 | C2X 2060 | C2X 2448 | C2X 2460 | C2X 3060 |
|--------------------------------------------------------------|--------|----------------------------------------------|------------|------------|------------|------------|
| Max. Table Size | mm | 500 x 1000 | 500 x 1500 | 600 x 1200 | 600 x 1500 | 750 x 1500 |
| Max. Longitudinal Travel | mm | 1075 | 1575 | 1275 | 1575 | 1575 |
| Max. Cross Transverse | mm | 550 | 550 | 650 | 650 | 800 |
| Max. Spindle Center Height above Table | mm | 550 | 750 | | | |
| SPEED AND FEEDS | | | | | | |
| Max. Table Speeds | m/min. | 18 | | | | |
| Power Cross Transverse | mm/min | 3000 | | | | |
| Auto Cross Feed at each Table Reversal (Infinitely variable) | mm | Programmable | | | | |
| Least Count of Vertical feed head wheel | mm | 0.001 | | | | |
| Control(2 AXIS) optional | | HUST/Siemens | | | | |
| Programming | | Standard 'G' code and 'M' code, With NC File | | | | |
| GRINDING HEAD | | | | | | |
| Size of Grinding Wheel | mm | 400 x 50 x 127 | | | | |
| Power of Spindle Motor | HP | 7.5 | 7.5 | 7.5 | 10 | 10 |
| Speed of Grinding Spindle | RPM | 1400 | | | | |
| HYDRAULIC SYSTEM | | | | | | |
| Working Pressure | Kg/Cm | 20 | | | | |
| Motor | HP | 5 | | | 7.5 | |
| Tank Capacity | Ltrs | 150 | | | 200 | |
| VERTICAL SLIDE (X-AXIS) | | | | | | |
| Rapid traverse | mm/min | 3000 | | | | |
| Min. programmable increment | mm | 0.001 | | | | |
| Automatic intermittent feed each table stroke | | Programmable | | | | |
| TRANSEVERSE SLIDE (Z-AXIS) | | | | | | |
| Stroke | mm | 550 | 550 | 650 | 650 | 800 |

| | | | | | |
|-----------------------------------------------|--------|--------------|--|--|--|
| Continuous feed rate | mm/min | 0.5-1000 | | | |
| Rapid traverse | m/min | 3 | | | |
| Min. programmable increment | mm | 0.001 | | | |
| Automatic intermittent feed each table stroke | | Programmable | | | |

TABLE

| | | | | | |
|-------------------------------------------------------|-------|-------------|------|------|------|
| Max. Longitudinal traverse | mm | 1075 | 1575 | 1275 | 1575 |
| Infinitely variable speed | m/min | 1.5-18 | | | |
| Hydraulic Motor Power | KW | 5 | | | |
| Max. weight of the job With chuck Without chuck | Mm | 1000 800 | | | |

OPERATING SYSTEM

| | | | | | |
|------------------------------------------|----|---------------------------------------------|--|----|--|
| X-Axis | | With L.M Guide, Ball screw, and Servo Motor | | | |
| Z-Axis | | With L.M Guide, Ball screw, and Servo Motor | | | |
| Repeatability for 6 consecutive readings | mm | 0.002 | | | |
| Total connected power (approx.) | KW | 12 | | 15 | |

Note: - We reserved the right for any modification in machine without prior notice & showing all parts are not of standard accessories.

Machine is Tasted as per IS: 2743:1992

ISO: 1986:1985

