



# Aids rapid machining for small parts

## Smart Mill S8



# SPECIFICATIONS

## MACHINE TRAVEL and TABLE:

|  |   |
|--|---|
| X-axis: .....  | 15.78 inches                                |
| Y-axis: .....  | 9.45 inches                                 |
| Z-axis: .....  | 13.75 inches                                |
| Table Size: .....  | 31.88 x 9.45" Hardened and Precision Ground |
| T-Slots: .....   | (4)   |
| Max. Table Load: .....                                       | 220 lbs                                     |
| Machine size end to end with guards: .....                   | 54.34" Wide 46.85" Deep                     |
| Closed Loop AC Servo Drive System: .....                     | (3) Delta Servo AC 0.75 KW                  |
| Min./Max. distance from spindle nose to table surface: ..... | 1.18" / 14.95"                              |
| Rapid Traverse Rate: .....                                   | AC Motor 220 IPM                            |

## SPINDLE:

|                                    |                               |
|------------------------------------|-------------------------------|
| Rigid Head Design                  |                               |
| Programmable Spindle Motor: .....  | 1.5 HP 230 VAC 3Ph. 6.31 Amp. |
| Programmable Spindle Speeds: ..... | 8,000                         |
| Tooling: .....                     | BT30                          |

## ATC Unit (Optional)

|  |           |
|--|-----------|
| Umbrella type ATC Unit with 8 Stations |           |
| Max. Tool Length: .....                | 7         |
| ATC Time: .....                        | 8 seconds |
| Max. Tool Dia: .....                   | 3.93"     |
| Max. Weight: .....                     | 11 lbs    |
| Air Required: .....                    | 85 PSI    |

## GENERAL DESCRIPTION: Bed Type Rigid Machining Center

|   |                                  |
|---|----------------------------------|
| Machine Frame: .....  | FC-30 Meehanite – 2 Part Casting |
| ISO 9001 Certified Quality Assurance                          |                                  |
| Fully Ribbed Meehanite Machine Tool Casting: .....            | Bed and Column                   |
| Box Column Casting  |                                  |
| Operational Area Requirements: .....                          | 108" Wide x 106" Deep x 90" High |
| Machine Height: .....   | 86.6"                            |
| Axis Way System: .....  | Linear Guideways                 |
| Precision Ground C7 HD Single Nut Ball Screwa: .....          | X / Y / Z AXES                   |
| Built into the Base & Front Chip Pan Coolant Reservoir: ..... | 10 Gallon Capacity 1/8 HP Pump   |
| Machine is built in Taiwan                                    |                                  |



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