

**SUJATA®**  
GROUP OF COMPANIES

## 13 MM DCS CNC Machine



**SUJATA® BRASS COMPONENTS PVT. LTD.**

# COMPANY PROFILE

Sujata Group of Company is Serving the Brass Industry since 1978 in 200 Sq.Ft. Area and after 45 Years it has been bloomed with 1,65,000 Sq.Ft. Area including 180 labours with 4 other companies forming Sujata Group of Companies.

## SUJATA GROUP OF COMPANIES

1. Automatic Machinery Manufacturing Division.
  - **Sujata Brass Components Pvt. Ltd. (Phase - III)**
  - **Sujata Enterprise**
2. Precision Brass Turned Components Manufacturing Division.
  - **Sujata Brass Components Pvt. Ltd.**
  - **Sujata International**

## MACHINE DIVISION

- 5mm DCS Automatic Machine.
- 13mm DCS Automatic Machine.
- 20mm DCS Automatic Machine.
- 4 - 1 Automatic Rotary Table Machine.
- 8 - 1 Automatic Rotary Table Machine.
- D525 & D550 Hand Operated Drilling (RPM 25000)
- Threading Machine.

## TURNED BRASS COMPONENTS

We Manufacture Precision Brass Components used in different sectors.

- Electrical Components used in various Electric Sectors (Switches Plug Pin, Socket Pin, Terminal Bush etc.)
- Auto Components used in various Automobile Sectors (Carburetors Screw Adjusts, Jets, Nozzles, Nuts, Cable Adjuster etc.)
- Pneumatic & Hydraulic Components (Nuts, Nipples, Valves etc.)
- LPG Parts (Lower Spindle, Upper Spindle, Adjusting Screw, Retainer etc.)
- All type of Fasteners.
- Agriculture Parts (Sprinklers, Nozzles, etc.)
- Medical Parts (Copper Tube, Brass Collet, etc.)
- As per Customers specific drawings and there requirements.

## FACILITIES

- Perfect solutions incorporating mechanical, electronic components qualify us as one of the Indian Market leaders for highly developed, modular rack and enclosure systems for indoor and outdoor applications.
- Highly Equipped Modern Technology Tool Room includes CNC Machine, VMC Machine, TMC Machine, EXN 1280 Machine, EDM Wirecut, Surface Grinder, Cylindrical Grinder, Mini Heat Treatment Plant, Hardness Tester etc.
- Tool Grinder.
- De-burring Machine.
- Profile Projector for Measuring Components.
- Research & Development.
- CAD Design 2D & 3D Modules.
- ERP System In house Developed.



## DCS Automatic Machine

SIZE : 5mm | 13mm | 20mm



# DESCRIPTION

5mm | 13mm | 20mm DCS Automatic Machine - Single Spindle

## STANDARD ACCESSORIES

- Double Vertical Slide
- Double Drilling Slide
- Plunging & Threading Slide (Tool / Insert Thread)
- Electric Motor (3 Speed Motor 700-1400 / 1400-2800 RPM) + Pulley + Railing
- Electric Wiring Accessories & Counter Meter
- Electric Coolant Attachment
- Open Reamer (Slide 1/4 x 1/4 & 1/4 x 1/2)
- Paritng Tool Post (6.35 x 6.35 / 6.35 x 1.50)
- Chamfer Tool Post (6.35 x 6.35)
- Threading Tool Post (6.35 x 6.35 / 12 x 12)
- Plunging Tool Post (6.35 x 19.05)

## EXTRA ACCESSORIES

- High Speed Drilling Attachment
- Long Turning Attachment
- Taper Turning Attachment
- Universal Joint Attachment
- Drill Socket / Turning Guide / Cam Set

## OUR SPECIALITY

- Machine Stand and Safety Covers are made with SS304.
- Double Cam Shaft, Hardened and Ground with Hard Chrome Plating.
- Hardened & Ground Spindle and Gears, with Teeth Grinding.
- Quick selection of Spindle RPM 1300-2600 / 2600-5200 with toggle Switch.
- Special Metallic Lacquer Color.
- Auto Stop system, Inching push button, counter meter & lamp.

## MACHINE SIZE IN METERS

- 5mm = 0.44 L x 0.33 W x 1.32 H | Weight Approx. 60 Kg.
- 13mm & 20mm = 1.15 L x 0.65 W x 2.00 H | Weight Approx. 500 Kg.

## TERMS & CONDITIONS

- The machine will be delivered from our factory.
- No guarantee for bearings, belts and oil seals.
- Order will not cancel after machine fitting will be completed.
- One component setting will be done by us along with the machine.
- 5mm Machine Required 1 Phase Electric Supply.
- 13mm & 20mm Machine Required 3 Phase Electric Supply (440V + Natural 15A max.)
- 30% payment in advance at the time of order booking.
- No interests are given on advance payments.



**4 IN 1 ROTARY  
TABLE MACHINE**



**8 IN 1 ROTARY  
TABLE MACHINE**

## DESCRIPTION

4 in 1 | 8 in 1 Rotary Table Machine Details

Rotary table machine is Special Purpose Machine design for High Productivity with Low Cost. It is capable of doing multi-operations on a single component and can be scaled for High Productivity.

### KEY FEATURES

- Machine Stand and Safety Covers are made with SS304.
- Cam Shaft Hardened and Ground with Hard Chrome Plating.
- Drill Spindle Hardened and Ground with Hard Chrome Plating.
- Maximum Drill speed 25000 RPM.
- Drill and Thread unit with various capacity ranging from  $\phi 5.00\text{mm} \times 15.00\text{L mm}$  &  $\phi 10\text{mm} \times 30.00\text{L mm}$ .
- Threading Unit with Pitch Control and Cam Operated (Optional)
- Angular Drill & Angular Threading Unit attachment available.
- Special Slot and Milling Unit attachment available.
- Indexing Accuracy with  $25\mu$  (Micron) Disc.
- Special Collet Disc for round Item.
- Hydraulic Vertical Punching unit for any shape.
- Coolant Nozzle for every operation with Coolant Pump.
- Piece, Auto and Manual Feeder available. (Optional)
- Counter Meter for Piece Counting.
- Bar Feeder for special items with Cutting, Drilling, Threading etc.
- Back Chamfer Unit attachment available.

### MACHINE SIZE IN METERS

- 4 in 1 = 1.37 L x 0.89 W x 1.54 H | Weight : 250 kg. Approx.
- 8 in 1 = 1.78 L x 1.51 W x 1.76 H | Weight : 650 kg. Approx.

### TERMS & CONDITIONS

- The machine will be delivered from our factory.
- No guarantee for bearings, belts and oil seals.
- Order will not cancel after machine fitting will be completed.
- One component setting will be done by us along with the machine.
- Required 3 Phase Electric Supply (440V + Natural 15A max.)
- 30% payment in advance at the time of order booking.
- No interests are given on advance payments.

# MINI VMC MACHINE

## DESCRIPTION

- Mini VMC Machine for Drilling, Milling, Threading & Chamfer  $\phi 5 \times 25L$  mm (with 0.17 HP Motor)
- Traveling Size : X-40mm | Y-25mm | Z-25mm
- ER11 System for Tool Clamping
- Operation with Single Tool
- High Speed - Maximum 25000 RPM Available
- Coolant Chowki
- Safety Cover and Coolant Chowki Made with SS 304
- Main Shaft Hardened and Ground with Chrome Plating
- Spindle RPM Selection with change of pulley (1400 RPM to 25000 RPM)
- Special Metallic Lacquer Color

## MACHINE SIZE IN METERS

- 0.44 L x 0.36 W x 1.40 H | Weight : 93 kg. Approx.



# MANUAL DRILL MACHINE

## STANDARD MODEL AND SIZE

- Mini Drill Machine for Drilling And Chamfer Ø5 x 25L mm & Ø5 x 50L mm (with 0.17 HP Motor)
- Mini Drill Machine for Tapping Ø5 x 50L mm (with 0.17 HP Motor)
- Mini Drill Machine for PCB Drilling with Center Bracket Ø5 x 25L mm (with 0.17 HP Motor)
- ER11 System for Tool Clamping

## EXTRA ACCESSORIES

- Electric fitting for Tapping without Pitch Control
- Electric fitting for Tapping with Pitch Control
- Electric Motor 0.17 HP with Rotary Switch and Plug
- Electric Motor 0.25 HP with Rotary Switch and Plug
- High Speed - Maximum 25000 RPM Available
- Main Base Selection (Small Base / Big Base)
- Coolant Chowki
- Wooden Packing for out side Jamnagar

## OUR SPECIALITY

- Safety Cover and Coolant Chowki Made with SS 304
- Main Shaft Hardened and Ground with Chrome Plating
- Spindle RPM Selection with change of pulley (1400 RPM to 25000 RPM)
- Special Metallic Lacquer Color
- Special Electric Fitting for Pitch Control Threading with Push Button

## MACHINE SIZE IN METERS

- 0.255 L x 0.205 W x 0.585 H | Weight: 22 kg. Approx.

## TERMS & CONDITIONS

- The machine will be delivered from our factory.
- No guarantee for bearings, belts and oil seals.
- Order will not cancel after machine fitting will be completed.
- 100% payment in advance at the time of order booking.
- No interests are given on advance payments.



MANUFACTURERS OF  
PRECISION BRASS TURNED COMPONENTS



## ELECTRIC COMPONENTS



## MOULDING INSERTS



## AUTOMOBILES COMPONENTS



## CNC TURNED COMPONENTS





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