

MINI-OSTRICH PORTABLE SHAPE CUTTING MACHINE



Light Weight and Portable.
Large Shape Cutting Capacity.
Solid State Circuitry.
Cuts upto 150mm thickness.**
Accurate and Easy to Operate.
Precise Control and proven Performance.

FEATURES :

Mini Ostrich is a light Weight, portable yet a robust shape machine, which can be used on field job as well as in factories.

The machine is designed with pantograph type arms, which keeps the hinge points of all the arms parallel to the line of the tracing roller and the torch, thus providing a direct line guiding system.

This is the simplest and one of the most accurate magnetic tracing system, which helps in maintaining repeatability of the flame cut parts.

The precision ball and needle bearing design of hinges ensure free and frictionless tracing, hence enabling greater cutting accuracy.

Mini Ostrich is primarily meant for cutting different shapes such as stars, hexagons, squares, rectangles, circles, triangles etc. It can also cut straight lines. It can cut plates upto 150mm** thickness.

The basic system of machine enables the torch to duplicate any intricate shape provided on a Template on the machine. The carriage arm consisting of a motor driven Electro Magnetic Tracing Head and a Cutting Torch travels round the template duplicating the exact shape of the Template.

The speed of the machine can be varied with an indexed selector knob. The tracing head can be moved in clockwise or anticlockwise direction by a selector switch.

The uses of Mini Ostrich are almost unlimited because of the accuracy with which metal templates can be made easily.

TECHNICAL SPECIFICATIONS

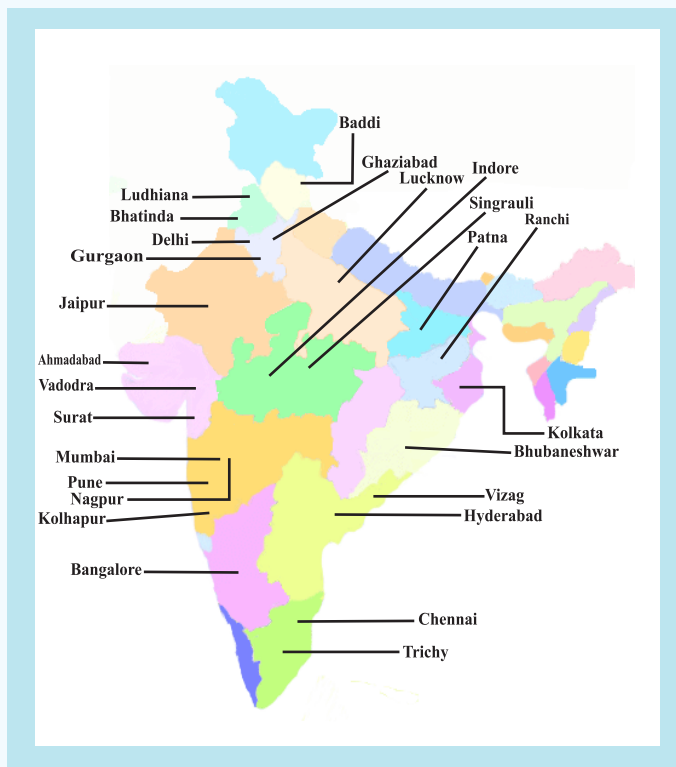
● CUTTING (When Template is mounted on Template Holder)	30mm to 740mm diameter
● CUTTING AREA (When Template is mounted on Control Shaft)	700mm to 2000mm diameter
● CUTTING THICKNESS	Max. 90mm / Min. 3mm
● CUTTING SPEED WITH 12.7mm TRACER	100mm-750mm (Approx)
● POWER SUPPLY	230 Volts AC 50 Hz
● MOTOR	1/20 HP, AC/DC Series Fractional Horse Power Motor
● CONTROL DESIGN	SCR Speed Control System
● CONTROL POINTER	FWD-OFF-REV Toggle Switch
● SPEED CONTROL	Continuous Variable by a Rotary Knob
● CUTTER NOZZLES	Acetylene 'A' type & LPG-'B'Type
● CUTTER MOVEMENT	Vertical Movement by rack and Pinion
● GAS CONNECTION	Oxygen -1/4 G RH & Fuel - 1/4 G LH
● GROSS WEIGHT	58 Kgs. (Approx)

OPTIONAL

ACCESSORIES

- Cutting Torch with Holder
- Set of Cutting Nozzles
- Set of Non-return Valves
- Set of Fuses
- Set of Spanners, Keys
- Counter Weight Block
- Set of Nozzle Cleaner
- Set of Tracing Rollers
- Set of Hoses
- Welding gloves, goggles
- Spark lighter

NOTE : ** TO CUT UPTO 150MM THICK PLATE EXTRA ACCESSORIES ARE REQUIRED AT ADDITIONAL COST.



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Technical specifications are subjected to change because of continuous upgradation of products for better performance.