

# ROTARY CAP COMPRESSION MACHINE



## MAGNUM MACHINE & TOOLS PVT. LTD.

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# ROTARY CAP COMPRESSION MACHINE

## ABOUT MAGNUM



The group has footprint in Plastic industry since 1983 when it had mainly to do with manufacturing of flexible packaging, later it moved on to rigid packaging, import of capital equipment and machinery manufacturing.

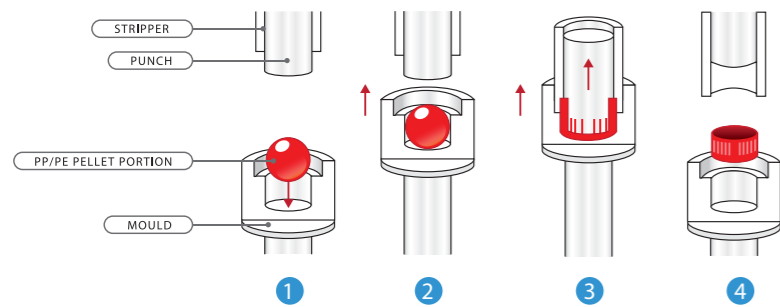
In the year 2001 the foray in capital equipment industry took place with trading of imported machinery in India market and we have been serving our customer's needs since then.

We have set our future goal to emerge as the preferred local source for Sales, Service and Spares for globally offered Plastic machinery of the latest kind and at the most competitive prices.

## ABOUT RCCM MACHINE

Quality of caps produced on Rotary Hydraulic Compression Machine has received wide acceptance from customers because of its quality and finish and has fetched a higher selling price than the ones produced using Injection Moulding process. The consistency in quality, fast cycle time and low cost of production have given this technology all the advantage.

The process involves continuous extrusion of plastic at the tip of the extruder from where the take up unit cutter lifts the material and drops in the cavity of the mould and the Rotary movement of Mould wheel keep the production process continuous and cyclic and the revolution of the wheel is the time taken for the cap to take shape, cool and get ejected before starting the next cycle.



- » No Gate Point
- » No Micro Holes
- » Better Aesthetic Look
- » Higher productivity
- » High Finish
- » Higher Weight Consistency
- » Continuous Process
- » No Colour Streaks
- » Low Energy Cost
- » Low Production Cost
- » Low Rejection
- » Low Melt Temperature
- » Low Mould Investment
- » Less Scrap
- » Ease of Printing
- » Less Wear and tear



## COMPRESSION TECHNIQUE

### Machine Description

### Rotary Cap Compression Machine

#### General

Mould Cavitation	Cavitation	18	24
Production Capacity	Pcs./Hr.	17,000 - 18,000	23,000 - 24,000
Cap Diameter	mm	20 - 42	20 - 42
Cap Height	mm	10 - 30	10 - 30

#### Electrical Requirement

Motor for Rotor	KW	1.50	2.20
Motor for Hydraulic Pump	KW	18.50	22.00
Extruder Motor	KW	7.50	7.50
Heater	KW	18.00	20.00
Folding Machine Motor	KW	1.50	1.50
Slitting Machine Motor	KW	0.75	0.75
Est. Connected Load	KW	66.00	73.00
Voltage/Frequency	Volts/Hz	440/50	440/50

#### Other

Air Compressor	cfm/Bar/KW	49/8/11	49/8/11
Main Machine Dimension	mm	2600 x 1200 x 2000	3800 x 1550 x 2100
Folding Machine Dimension	mm	1220 x 1220 x 1520	1220 x 1220 x 1520
Slitting Machine Dimension	mm	1220 x 1220 x 2130	1220 x 1220 x 2130
Main Machine Weight	Ton	3.1	5

Machine manufacturer reserves the right to make any product improvement or specification change without prior notice and product photos shown in the catalogue are for reference only.



FULL HYDRAULIC OPERATION



HIGH SPEED F&S MACHINE



INDIVIDUAL HYDRAULIC LOCKING



HIGH PRECISION CORE & CAVITY