



Propelling Growth



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ROTARY CAP COMPRESSION MACHINE

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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, real estate 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.

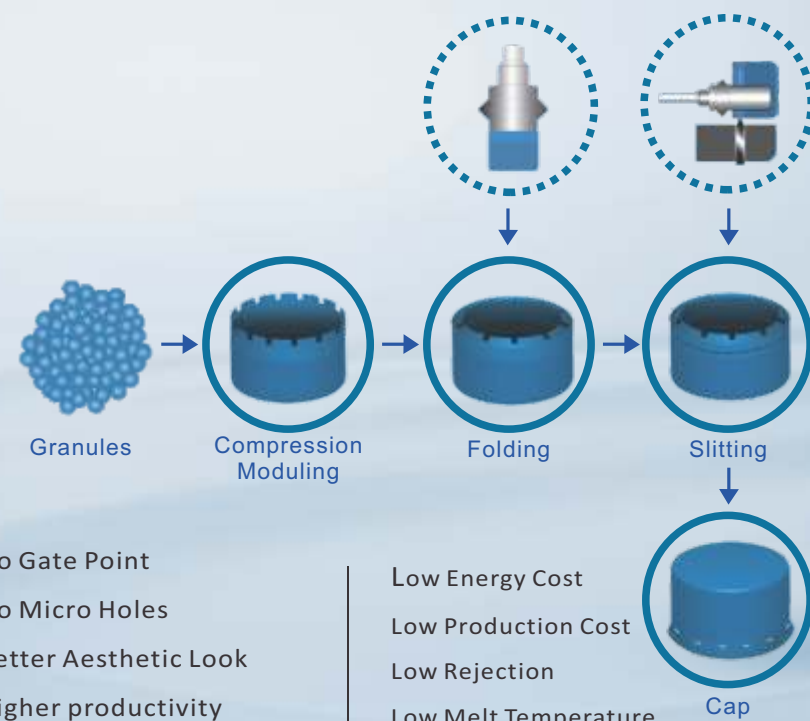
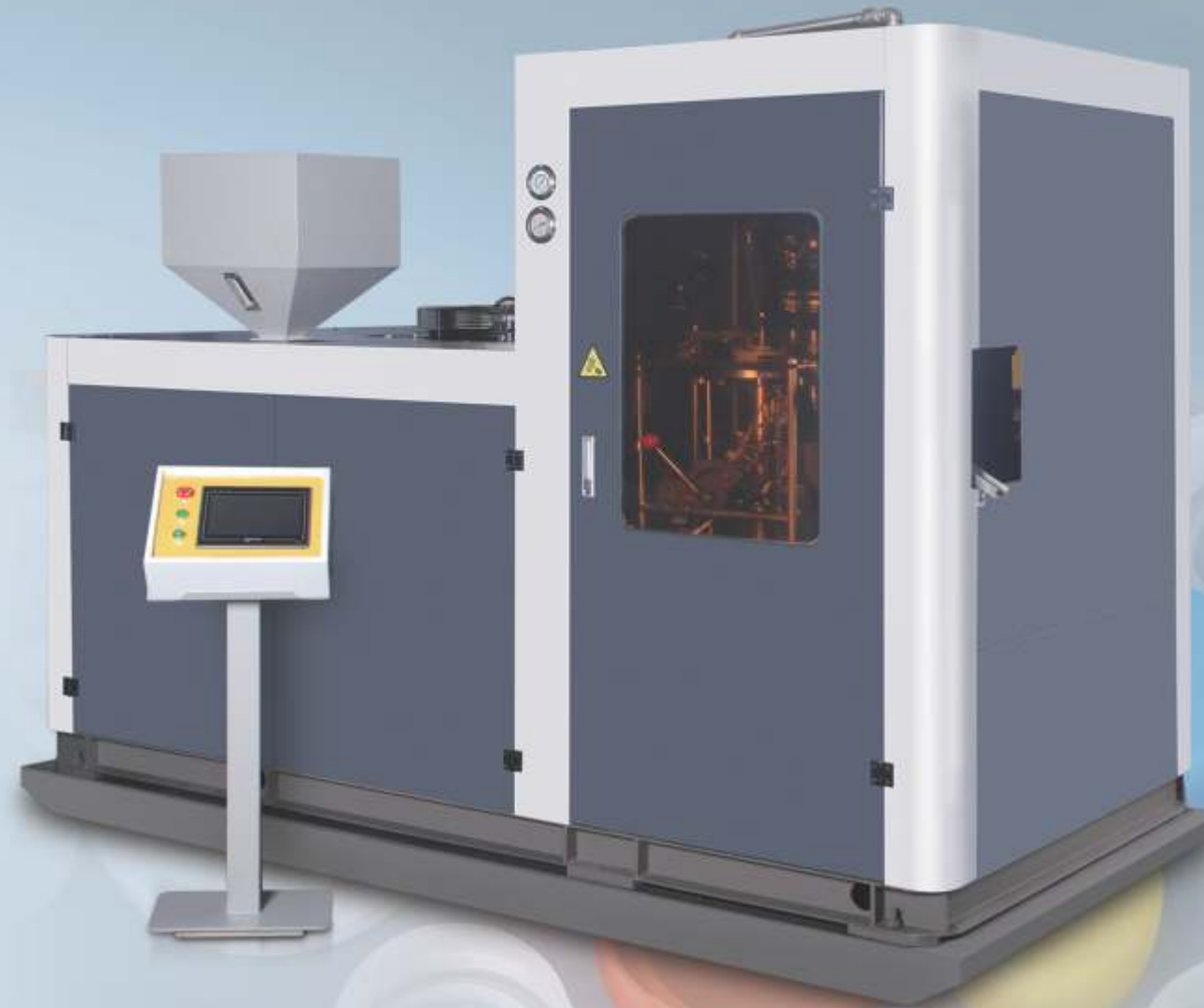
We have a team of Service Engineer who are stationed at strategic locations for providing that critical support at the time of start up and otherwise. Our office in India is backed up with ready stock of machines and spares.

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

Machine Description	Rotary Cap Compression Machine		
General			
Mould Cavitation	Cavitation	16	24
Production Capacity	Pcs./Hr.	11,500	17,000
Cap Diameter	mm	20-35	20-35
Cap Height	mm	10-30	10-30
Electrical Requirement			
Motor for Rotor	KW	1.5	2.2
Motor for Hydraulic Pump	KW	11	15
Extruder Motor	KW	7.5	7.5
Heater	KW	16.5	18
Folding Machine Motor	KW	1.5	1.5
Slitting machine Motor	KW	0.5	0.5
Est. Connected Load	KW	49	59.7
Voltage/Frequency	Volts/Hz.	440/50	440/50
Others			
Air Compressor	cfm/Kg/cm ² /KW	33/8/7.5	49 / 8 / 11
Water Chiller	Tr.	3	5
Folding & Slitting Machine Dimension	mm	860 x 1400 x 1900	860 x 1400 x 1900
Main Machine Dimension	mm	2660 x 1200 x 2000	3800 x 1550 x 2100
Machine Weight	Ton	2.1	3

Respective Manufacturer reserves the right to change design and specification without notice