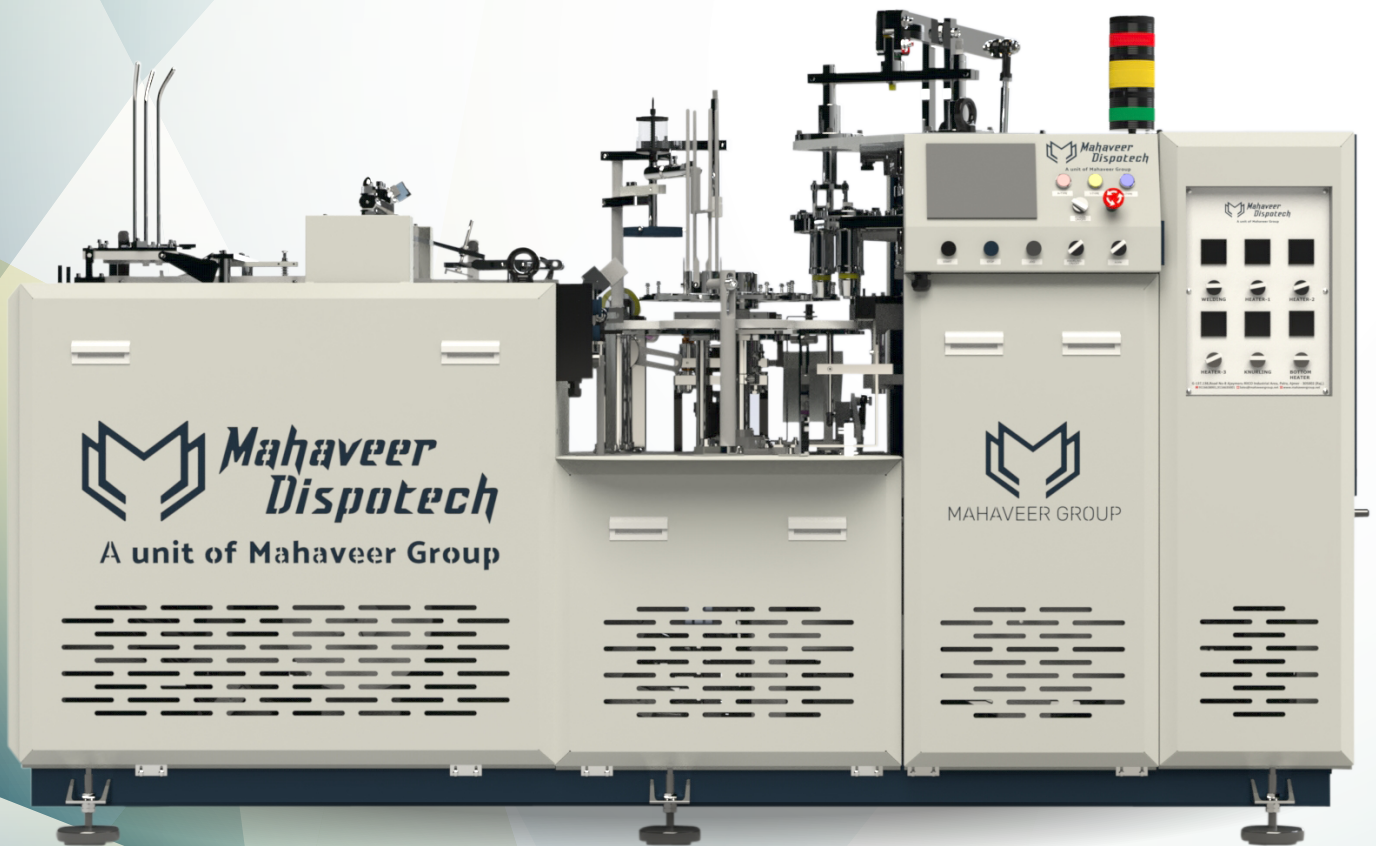




MAHAVEER GROUP

Since 1975

High Speed Paper Cup Making Machines MG900 & MG900i



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MG900 & MG900i High Speed Paper Cup Making Machine

Ideal for single LDPE coated paper Cup, MG900 & MG900i machine is an automatic environmental machine with multi-running positions. This machine runs a whole procedure of paper-feeding, cup-blank wall sealing, oiling, bottom-punching (Knurling), heating, rolling, rimmimg, rounding (curling), and tripping. This machine is used for producing a variety of cups depending upon the desired dimensions of the cup such as volume (ml) Depth, top diameter, bottom diameter height, and depth of the bottom.

Features

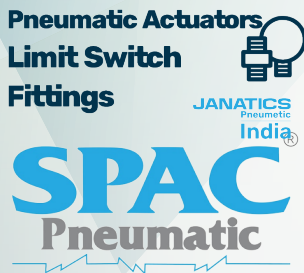
- ⊙ Machine is customizale either for automatic or manual modes of operation.
- ⊙ An automatic oil spray lubrication system ensures low wear rate and greater life cycle of the parts.
- ⊙ All the cams are hardend to minimize the wear and tear in long run.
- ⊙ Based on Advanced PLC (program Logic Control) technology.
- ⊙ Advance sensor-based technology automatically cut off the system when the machine is not in operation which reduce paper wastage.
- ⊙ Automatic cup-blank feeding and sealing.
- ⊙ Automatic cup-bottom feeding, punching, folding and Knurling.
- ⊙ Automatic cup-top edge curling and cup counting.
- ⊙ Step-less speed management.
- ⊙ Cup-blank and Cup-bottom sealing is done by auto cut-off feature based advance heaters.
- ⊙ Very easy in operation (one operator is sufficient).
- ⊙ Easy exchangable mould prooduce different size paper cups.
- ⊙ Pneumatic operations do not require compressed air.
- ⊙ A well engineerd "Barrel Cam Mechanism" ensures precise movement and functioning of turn tables.
- ⊙ Machine is designed with 3 turning plates.
- ⊙ Cup Volume: 30ml to 280ml (with various system)
- ⊙ Production capacity: 80 ~ 90 cups per minute.

Technical Specifications

Specification	MG900i	MG900
Paper Cup Size	30 ml to 280 ml	30 ml to 280 ml
Paper Cup Bottom Diameter	29 mm to 56 mm	29 mm to 56 mm
Paper Cup Height	38 mm to 92 mm	38 mm to 92 mm
Production Speed (Per Minute Average)	80 ~ 90 Cups	80 ~ 90 Cups
Production Speed Setting	Through HMI	Through VFD
Sealing Technology	Heater / Ultra Sonic	Heater / Ultra Sonic
Cup Counting System	Automatic	Automatic
Cup Strand Counting	Automatic	Automatic
Fault Detection	Automatic with Alarm	Manual
HMI	1	-
PLC	1	-
VFD	1	1
Indexing Mechanism	Barrel Cam	Barrel Cam
Photo Electric Sensor - Paper Blank	1	1
Photo Electric Sensor - Sealing Sensor	1	1
Photo Electric Sensor - Bottom Sensor	1	1
Limit Switch Sensor - Cup Drop	1	1
Photo Electric Sensor - Cup Counting	1	1
Power Supply	3 Phase	3 Phase
Electricity Consumption per Hour (Approx)	3-4 Units	3-4 Units
Total Machine Electric Load	5.5 kW	5.5 kW
Main Motor Power	2 HP / 1.50 kW	2 HP / 1.50 kW
Knurling Motor Power	0.75 HP / 0.55 kW	0.75 HP / 0.55 kW
Relay	5	9
Single Phase Preventer	1	1
Temperature Controller PID	6	6
3 Colour Alarm (Tower Light)	1	1
Machine Weight	1800 Kg	1800 Kg
Machine Length	2800 mm	2800 mm
Machine Width	1400 mm	1400 mm
Machine Height	1600 mm	1600 mm
Safe working area on all sides	1000 mm	1000 mm
Automatic Machine Lubrication System	1	1
Top Curling Lubrication Oil	Paraffin Oil	Paraffin Oil
Machine Lubrication Oil	Hydraulic Oil 90	Hydraulic Oil 90

Note the above mentioned specifications are subject to change without any prior notice.

Our Technology Partners



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