

Paper Cup Machinery KOREA



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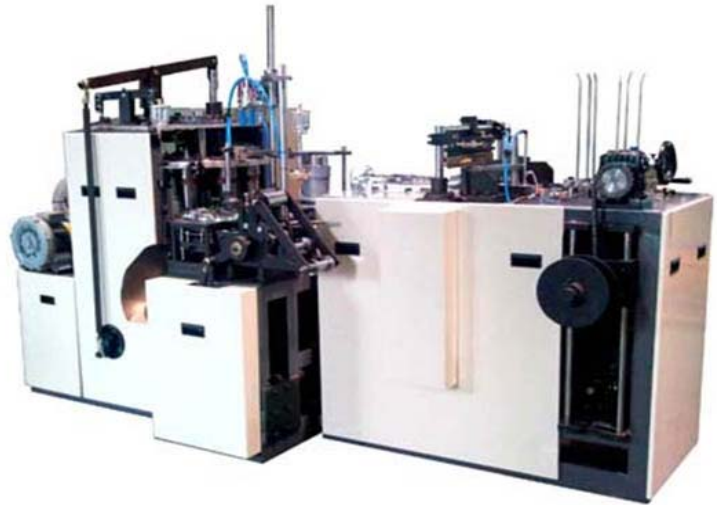
Paper cup forming machine

Main item

- Transfer hose to counting stacker
- One specified Mold installed
- Machine cover
- Electric control box
- Counter / Stacker
- Spare parts / Tools

Main specification

- Use: Hot & Cold drink, Ice cream & Food
- Blank feeding
- Bottom paper roll feeding
- Blower Hot air for or Ultrasonic side attaching
- Blower Hot air for bottom attaching
- Inverter for speed setting
- PLC
- Oil lubrication for top curl
- Oil lubrication for bottom (for 2PE coated paper)
- Electric requirement: 220V/380V, 50Hz/60Hz, 3P
- Electric consumption: Approx. 14~17kw
- Compressed air: No need
- Dimension: 2600 x 1400 x 1600(mm)
- Weight: 2,100kg



APPLICATION.....

Description	DS-100A
Cup Size	2.5oz~9oz
Production Speed	~75pcs/min
Paper PE Coating	Single or Double PE Coated Paper(180~400g/m ²)
Sealing Method	Ceramic Hot Air, Heater or Ultrasonic Sealing
Electrical Requirement	380V/220V, 50/60Hz, 3P, Approx.14~17Kw
Compressed Air	No need
Dimension	2650 x 1400 x 1600
Weight	2,100Kg

Double wall Paper cup forming machine

Main item

- Transfer hose to counting stacker
- One specified Mold installed
- Machine cover
- Electric control box
- Counter / Stacker
- Spare parts / Tools

Main specification

- Use: Out sleeve forming for double wall cup
- Blank feeding
- Inner paper cup feeding
- Glue sealing for side sealing & attaching with inner cup
- Inverter for speed control
- Electric requirement: 220V/380V, 50Hz/60Hz, 3P
- Electric consumption: 5~10kw
- Compressed air: 2~5HP
- Dimension: 2100 x 1600 x 1400
- Weight: 1900kg



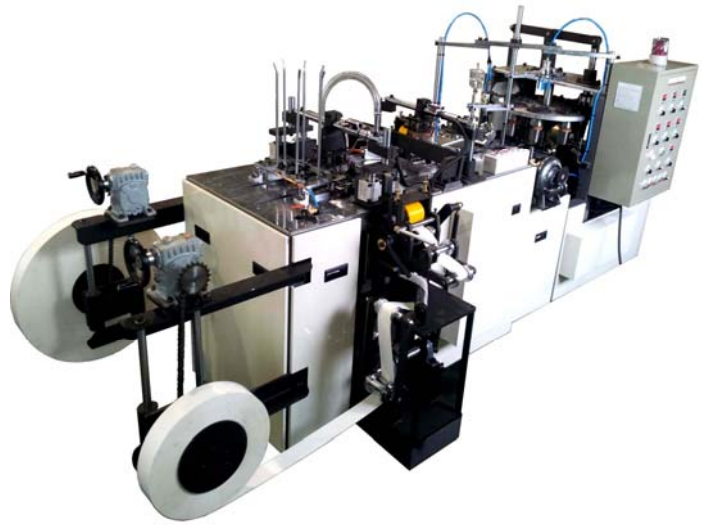
APPLICATION.....

Description	DS-500D	DS-1000D
Cup size	6oz~16oz	18oz~32oz
Production speed	~70pcs/min	~70pcs/min
Material	Duplex Paper, Ivory Paper(170~300g/m ²)	
Sealing method	Inner Cup by Hot Air, Outer Cup by Glue Sealing	
Electrical Requirement	Approx.5~10Kw	
Compressed Air	Approx.100~200L/Min, 2.5~5HP	
Dimension	2100x1600x1400	2300x1800x1600
Weight	2000Kg	2300Kg

Handle Paper cup forming machine

Main item

- Transfer hose to counting stacker
- One specified Mold installed
- Machine cover
- Electric control box
- Counter / Stacker
- Spare parts / Tools



Main specification

- Use: Paper cup for hot drink
- Blank feeding
- Handle paper roll / Bottom paper roll feeding
- Handle paper punching & heater sealing handle to blank
- Hot air sealing for side / bottom attaching for 1PE/2PE coated paper
- Inverter for speed setting
- Oil lubrication for top curl
- Electric requirement: 220V/380V, 50Hz/60Hz, 3P
- Electric consumption: Approx. 13kw
- Compressed air: 3~4HP
- Dimension: 2900 x 1800 x 1600(mm)
- Weight: 2,300kg



APPLICATION.....

Description	DS-60H
Cup Size	2.5oz~9oz (75ml~270ml)
Production Speed	~60pcs/min
Paper PE Coating	Single or Double PE coated paper(170~300g/m ²)
Sealing Method	Ceramic Hot Air or Heater Sealing
Electrical Requirement	Approx.5~23Kw
Compressed Air	Approx.100~300L/Min, 2.5~6HP
Dimension	3400x1800x1600
Weight	2400Kg

Paper Tray forming machine

Description	DS-50T
Use	Tray & Dish
Size	100Ø ~ 260Ø
Production Speed	30~50pcs/min
Mold Size	W250 x L250
Paper Thickness	0.25~0.6mm
Motor	Hydraulic motor 2EA, AC220/380V x 7.5Kw
Control System	PLC / sensor
Electrical Requirement	Approx. 18Kw
Compressed Air	Approx.~200L/Min, 5HP
Dimension	2800x2400x1600
Weight	1200Kg



APPLICATION.....

Paper cup packing machine

Description	DS-30P
Cup size	Paper cup
Packing speed	25~30packs/min
Packing material	PS or PP
Control System	AC servo / Sensor
Electrical Requirement	Approx.3Kw
Compressed Air	No need
Dimension	1800x2500x1800
Weight	1000Kg



APPLICATION.....

Paper roll punching machine

Description	DS-300RP
Blank Use	Paper cup
Max.Web Width	980mm
Punching Speed	Max.300 Strokes/Min
Material	PE laminated paper
Paper Thickness	170~400g/m ²
Control System	AC Servo / Inverter / Photo mark sensor
Electrical Requirement	Approx.5~8Kw
Compressed Air	No need
Dimension	2500x1400x1800
Weight	1800Kg



APPLICATION.....



Paper roll die-cutting machine

Description	DS-80DC
Blank Use	Paper cup, Tray, Hamburger Box
Max.Web Width	800 x 600mm
Punching Speed	Max.80 Strokes/Min
Material	PE laminated paper, AL paper
Paper Thickness	170 ~ 400g/m ²
Control System	Tension / AC Servo / Inverter / Photo sensor
Electrical Requirement	Approx. 5~8Kw
Compressed Air	No need
Dimension	3000 x 1800 x 1700
Weight	3000Kg



APPLICATION.....



Flexo printing & punching machine

Main item

- Printing cylinder
- Ceramic roller (220~300cell) for printing 1PE coated paper
- Ceramic roller (500~600cell) for printing 2PE coated paper
- EPC system
- Corona treatment station
- Doctor blade knife
- Printing ink circulation pump / Chamber system
- Print ink top dry system
- Punching station
- Spare parts & Tools



Main specification

- Water & Alcohol ink for printing 1PE & 2PE coated paper
- Production speed: max. 300stroke/min
- Web width: ~980mm
- Tension / EPC system / AC servo / Photo mark sensor
- Inverter for speed setting
- Electric requirement: 220V/380V, 50Hz/60Hz, 3P
- Electric consumption: Approx. 20kw
- Compressed air: 3~4HP
- Dimension: 6,600 x 2,000 x 2,850(mm)
- Weight: 3,500kg



APPLICATION.....

Description	DS-300FP
Printing Type	Flexo 2 ~ 5 Color, Doctor blade chamber system
Max. Web Width	980mm
Paper PE Coating	1 PE & 2 PE Coated Paper
Paper Thickness	170~400g/m ²
Control System	EPC / Tension / AC Servo / Inverter / Photo Sensor
Output (Capacity)	Max.300 Strokes/Min
Electrical Requirement	Approx.10~25Kw
Compressed Air	2~5HP
Dimension	6000x2000x2800
Weight	3500Kg

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