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KOREA PAPER CUP MACHINERY

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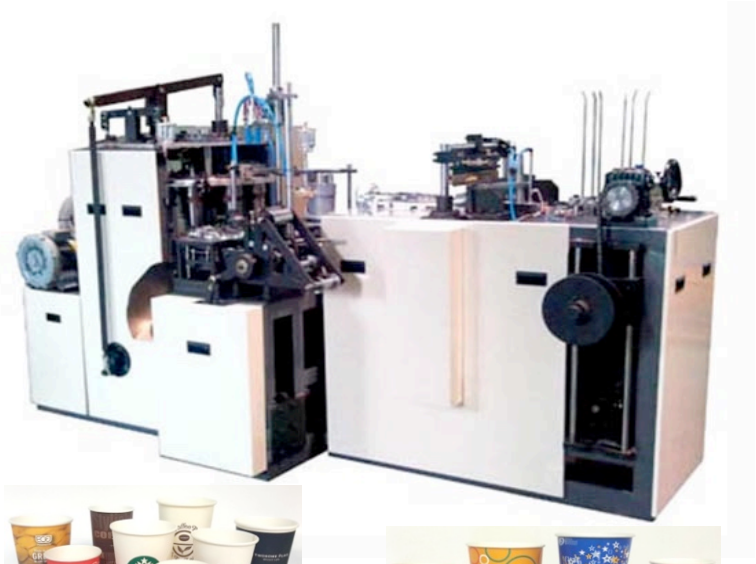
Paper cup forming machine



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	GP-100A	GP-100B	GP-100C
Cup Size	2.5oz~16oz	18oz~32oz	38oz~170oz
Production Speed	60~80pcs/min	50~60pcs/min	30~60pcs/min
Paper PE Coating	Single or Double PE Coated Paper(170~400g/㎡)		
Sealing Method	Ceramic Hot Air, Heater or Ultrasonic Sealing		
Electrical Requirement	380V/220V, 50/60Hz, 3P, Approx.14~17Kw		
Compressed Air	Approx. 100~200L/min, 2~5HP		
Dimension	2800 x 1400 x 1650	3080 x 1400 x 1800	3300 x 1800 x 1900
Weight	2,100Kg	2,500kg	3,000kg

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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	GP-100D	
Cup size	6oz~16oz	18oz~32oz
Production speed	60~80pcs/min	50~70pcs/min
Material	Duplex Paper, Ivory Paper(170~300g/㎡)	
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

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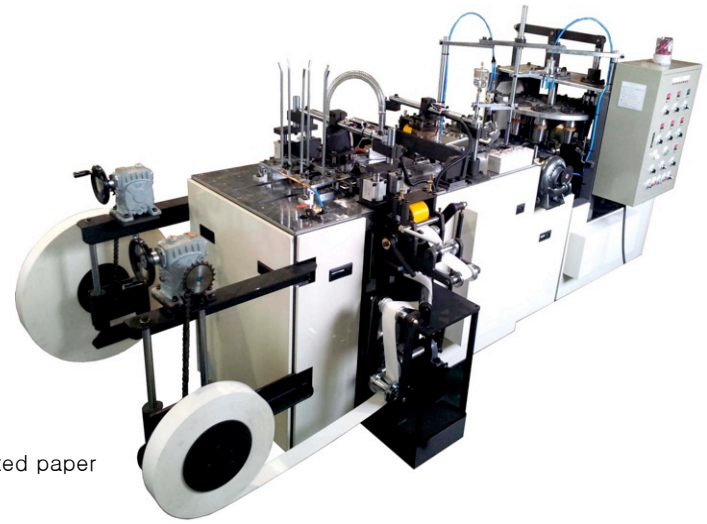
Handle Paper cup forming machine

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	GP-60H
Cup Size	2.5oz~9oz (75ml~270ml)
Production Speed	50~60pcs/min
Paper PE Coating	Single or Double PE coated paper(170~300g/㎡)
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

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Paper Tray forming machine

Description	GP-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	GP-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……

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Paper roll punching machine

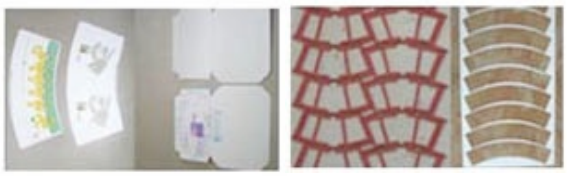
Description	GP-300RP
Blank Use	Paper cup
Max.Web Width	980mm
Punching Speed	Max.300 Strokes/Min
Material	PE laminated paper
Paper Thickness	170~400g/㎡
Control System	AC Servo / Inverter / Photo mark sensor
Electrical Requirement	Approx.5~8Kw
Compressed Air	No need
Dimension	2500x1400x1800
Weight	1800Kg

APPLICATION……

Paper roll die-cutting machine

Description	GP-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/㎡
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……



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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	GP-300FP
Printing Type	Flexo 2 ~ 6 Color, Doctor blade chamber system
Max. Web Width	980mm
Paper PE Coating	1 PE & 2 PE Coated Paper
Paper Thickness	170~400g/㎡
Control System	EPC / Tension / AC Servo / Inverter / Photo Sensor
Ouptput (Capacity)	Max.300 Strokes/Min
Electrical Requirement	Approx.10~25Kw
Compressed Air	2~5HP
Dimension	6000x2000x2800
Weight	4500Kg

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