

CORPORATE Brochure

Paper Cup Printing & Blanking



HWI KOREA



HWI KOREA

His World Ineternational Co.

+ PROFILE

His World International is a professional machinery manufacturer. There are paper cup flexographic printing & blanking machine, paper cup blank punching machine, paper blank offset printing machine, paper cup inspection machine and roll die-cutting machine in our product line.

With more than 20 years experience and development, our products rank first in the domestic market and also we have exported to more than 50 countries including Europe, North America, South America, Middle East, Japan, and Southeast Asia.

+ ABOUT US

- Best Korean Machinery
- We successfully certified by ISO9001:2001, ISO14001:2004 and products are approved CE certificate.
- Our company upholds the policy of "Innovation, Striving Forward, and Active Manner". We are doing utmost to research and develop, on the basis of existing experience and modern technology.
- We warmly welcome new and old customers to visit, guidance, negotiation. As always, we will do our best.

- **1999**
Establishment of Chnagdae Engineering (HWI)
- **2000**
Development of Paper cup Blank Punching Machine & Flexography Machine
- **2005 - 2008**
Development of Thomson Die Cutting Machine Paper printing & Punching Machine CE Certified
- **2009 - 2012**
ISO 9001:2001 Certified
ISO 14001:2004 Certified
- **2012**
KS / ISO 14001:2009 Certified
- **2014 - 2017**
Development of Thomson Die Cutting Machine & Paper Cup Inspection Machine



+ SOCIAL

 Youtube channel : HWI Machinery
(<https://www.youtube.com/c/hisworldinternationalco>)

 <https://facebook.com/HISWORLDINTERNATIONAL/>

+ CONTACT

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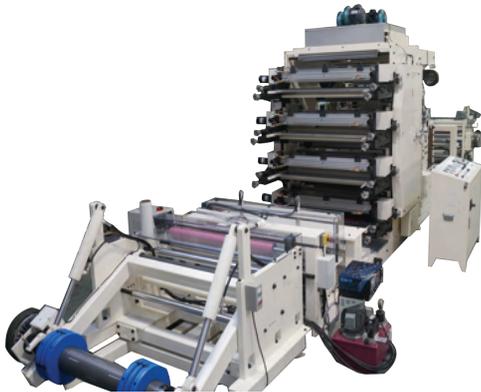
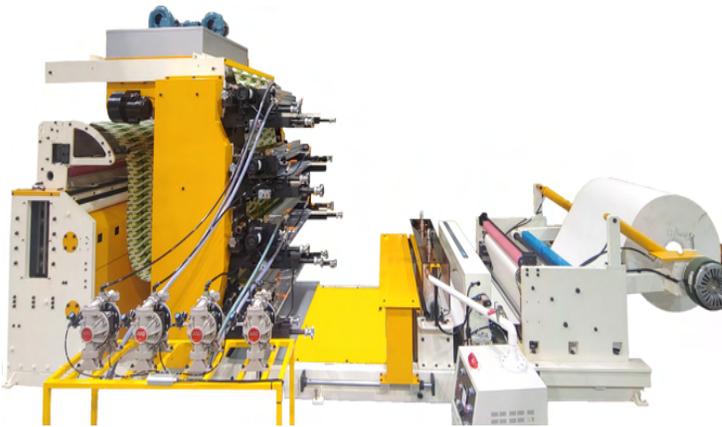
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HWI KOREA

+ PRODUCT



● Flexographic printing and punching machine

▷ A-Model (AIR PUMP TYPE)

Flexographic Printing & punching machine is best option for paper cup blank(fan) with different size by changing molds. Servo control performance is accurate to printing & cutting the paper at high speed with stripping.

▷ Production Range

2.5oz ~ 150oz blanks, 60cc ~ 1100cc

▷ Main Configuration

1. Paper roll die cutting
2. Flexographic Printing
3. EPC Sensor for Paper roll
4. Auto tension control system
5. Tracking the I-Mark system
6. Mitsubishi Servo control system
7. Automatic Collecting
8. Automatic Stripping
9. Air pump type for ink
10. Corona treatment for double coated paper

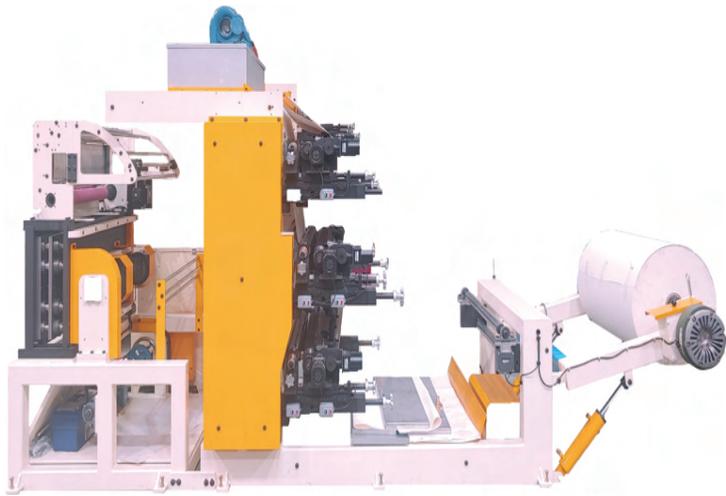
▷ Specification

MODEL	A3-Model	A4-Model	A5-Model
Blank Application	Paper Cup, Plate, bowl and Paper container.		
Blank Size	2oz ~ 150oz Blank, 60cc ~ 1100cc		
Max Roll Width	980mm		
Max Roll Diameter	1600mm		
Printing type	Flexographic Printing (Anilox Cylinder 200LPI ~600LPI)		
Printing Color	3 color	4 color	5 color
Paper Thickness	170 ~ 350gsm		
Productive Speed	100 ~ 300stroke/min(Paper cup)		
Mold Changing Time	About 20 ~ 30 minutes		
Ink Feeding type	Air pump type		
Control System	AC Servo/ Inverter / I-Mark / Auto tension		
Total Electric Power	15kw (Heater +20kw)		
Rated Frequency	50/60 Hz		
Rated Vortage	220 V 3~		
Dimension	6500 x 2150 x 2175	6500 x 2150 x 2475	6500 x 2150 x 2775
Weight	2800KG	3000KG	3300KG



HWI KOREA

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● Flexographic printing and punching machine

▷ T-Model (TRAY TYPE)

Flexographic Printing & punching machine is best option for paper cup blank(fan) with different size by changing molds.

Servo control performance is accurate to printing & cutting the paper at high speed with stripping.

▷ Production Range

2.5oz ~ 150oz blanks, 60cc ~ 1100cc

▷ Main Configuration

1. Paper roll die cutting
2. Flexographic Printing
3. Auto tension control system
4. Tracking the I-Mark system
5. Mitsubishi Servo control system
6. Automatic Collecting
7. Automatic Stripping
8. Tray type for ink

▷ Specification

MODEL	T3-Model	T4-Model	T5-Model
Blank Application	Paper Cup, Plate, bowl and Paper container.		
Blank Size	2oz ~ 150oz Blank, 60cc ~ 1100cc		
Max Roll Width	980mm		
Max Roll Diameter	1600mm		
Printing type	Flexographic Printing (Anilox Cylinder 200LPI ~ 600LPI)		
Printing Color	3 color	4 color	5 color
Paper Thickness	170 ~ 350gsm		
Productive Speed	100 ~ 300stroke/min(Paper cup)		
Mold Changing Time	About 20 ~ 30 minutes		
Ink Feeding type	Tray type		
Control System	AC Servo/ Inverter / I-Mark / Auto tension		
Total Electric Power	15kw (Heater +20kw)		
Rated Frequency	50/60 Hz		
Rated Vortage	220 V 3~		
Dimension	5000 x 2150 x 2180	5000 x 2150 x 2475	5000 x 2150 x 2775
Weight	2700KG	2900KG	3000KG



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+ PAPER CUP BLANK PUNCHING MACHINE

(Strong Model)



▷ General Descripton

Paper cup blank punching machine is designed for blanking of paper

▷ Application of Machine

Paper blank for paper cup, bowl, plate and so on

▷ Production Range

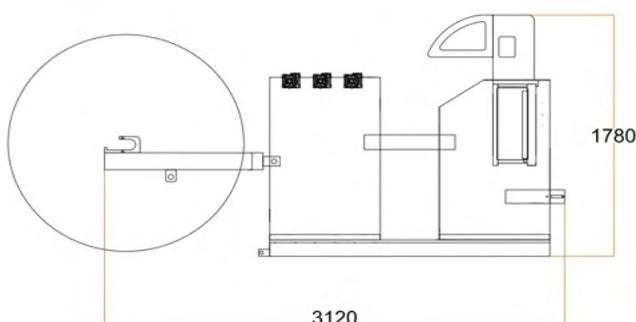
2.5 oz ~ 150oz blank, 60cc ~ 1100cc

▷ Main Configuration

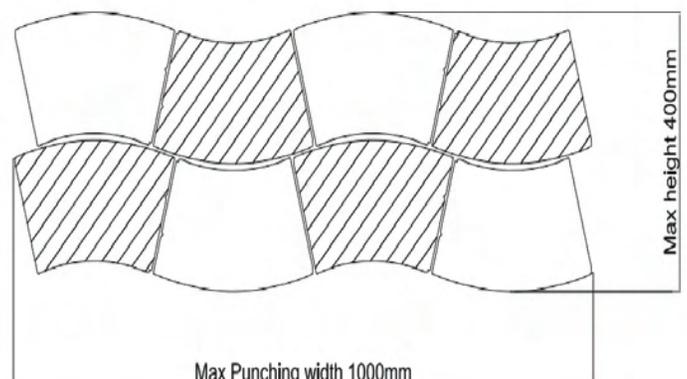
1. Paper roll die cutting
2. Heavy-duty metal mold **(Long run production)**
3. Tension control system **(Paper roll unwinding)**
4. Tracking the I-Mark system **(Simple and easy operation)**
5. Mitsubishi Servo control system **(It works more accurate)**
6. Automatic Collecting
7. Automatic Stripping
8. Quick change mold and adjustment **(Around 20minutes)**
9. Roof equipment **(For C-curl of paper roll)**

BLANK PUNCHING M/C (S-Model / SC-Model)	
Blank Application	Paper Cup, Plate, bowl and Cone sleeve(SC-Model)
Blank Size	2oz ~ 150oz Blank, 60cc ~ 1100cc
Max Roll Width	1,000mm
Max Roll Diameter	1,500mm (Can be customized)
Number of Blanking	Up to 6 Way (Depends on blank size)
Paper Thickness	170 ~ 350gsm(Paper Cup), 100 ~ 150gsm(Cone) (SC-Model)
Material	PE Laminated paper, Aluminum Foil Paper
Speed of production	Max. 300stroke/min(Paper cup), Max. 130stroke/min (Cone) (SC-Model)
Paper Feeding Method	Servo roll feeding type
Control System	AC Servo/ Inverter / I-Mark / Auto tension
Total Electric Power	Approximately 8kW
Rated Frequency	50/60 Hz
Rated Vortage	220 V 3~
Dimension	3120 x 1500 x 1780
Weight	2200kg

- LAY-OUT OF THE MACHINE



- SIZE RANGE OF BLANKING





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+ PAPER CUP BLANK PUNCHING MACHINE (R-MODEL)



▷ General Description

Paper cup blank punching machine is designed for blanking of paper

▷ Application of Machine

Paper blank for paper cup, bowl, plate and so on

▷ Production Range

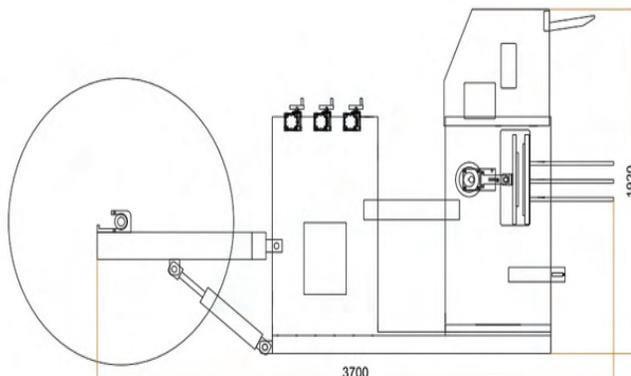
2.5 oz ~ 150oz blank, 60cc ~ 1100cc

▷ Main Configuration

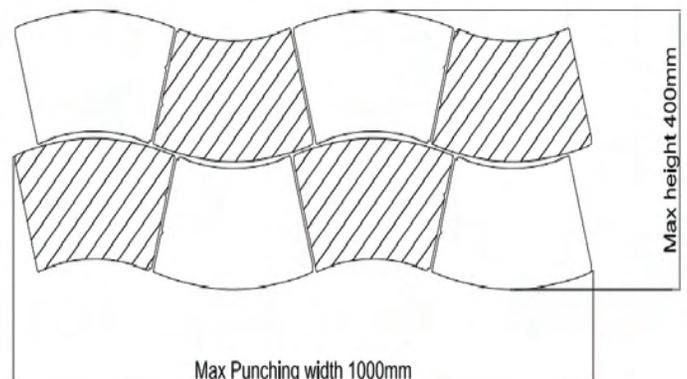
1. Paper roll die cutting
2. Heavy-duty metal mold (Long run production)
3. Tension control system (Paper roll unwinding)
4. Tracking the I-Mark system (Simple and easy operation)
5. Mitsubishi Servo control system (It works more accurate)
6. Automatic Collecting
7. Automatic Stripping
8. Quick change mold and adjustment (Around 20 minutes)
9. Roof equipment (For C-curl of paper roll)

BLANK PUNCHING M/C (R-Model)	
Blank Application	Paper Cup, Plate, bowl
Blank Size	2oz ~ 150oz Blank, 60cc ~ 1100cc
Max Roll Width	1,000mm (Can be customized)
Max Roll Diameter	1,500mm (Can be customized)
Number of Blanking	Up to 6 Way (Depends on blank size)
Paper Thickness	170 ~ 350gsm (Paper Cup),
Material	PE Laminated paper, Aluminum Foil Paper
Speed of production	Max. 300stroke/min (Paper cup)
Paper Feeding Method	Servo roll feeding type
Control System	AC Servo/ Inverter / I-Mark / Auto tension
Total Electric Power	Approximately 8kW
Rated Frequency	50/60 Hz
Rated Vortage	220 V 3~
Dimension	3700 x 1600 x 1920
Weight	2400kg

- LAY-OUT OF THE MACHINE



- SIZE RANGE OF BLANKING

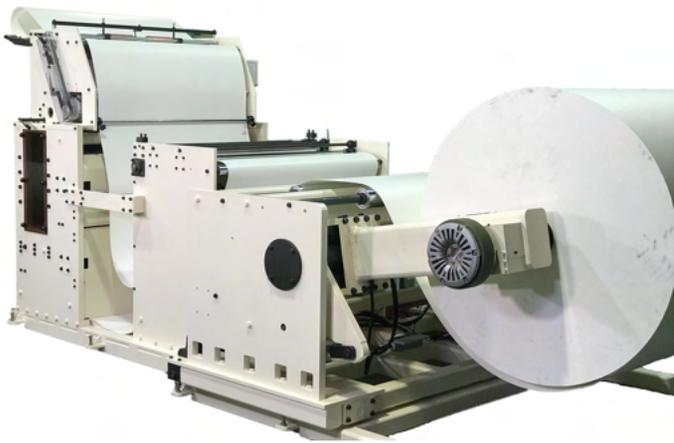




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+ PAPER CUP BLANK PUNCHING MACHINE (AL-MODEL)



BLANK PUNCHING M/C (AL-Model)	
Blank Application	Paper Cup, Plate, bowl and etc
Blank Size	2oz ~ 150oz Blank, 60cc ~ 1100cc
Max Roll Width	1,000mm (Can be customized)
Max Roll Diameter	1,600mm (Can be customized)
Number of Blanking	Up to 6 Way (Depends on blank size)
Paper Thickness	170 ~ 350gsm(Paper Cup),
Material	PE Laminated paper, Aluminum Foil Paper
Speed of production	Max. 300stroke/min(Paper cup)
Paper Feeding Method	Servo roll feeding type
Control System	AC Servo/ Inverter / I-Mark / Auto tension / E.P.C
Total Electric Power	Approximately 10kW
Rated Frequency	50/60 Hz
Rated Vortage	220 V 3~
Dimension	4200 x 2300 x 2020
Weight	2800kg

▷ General Descripton

Paper cup blank punching machine is designed for blanking of paper

▷ Application of Machine

Paper blank for paper cup, bowl, plate and so on

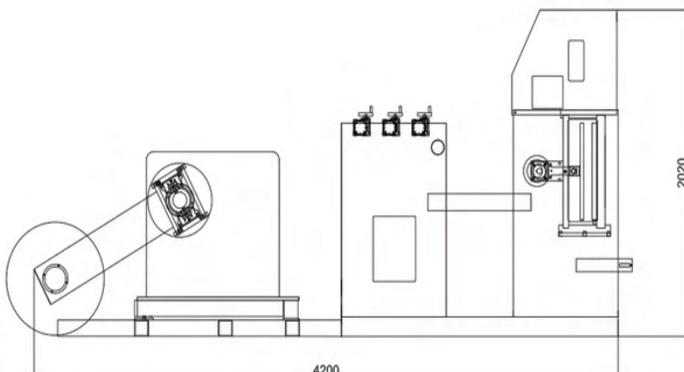
▷ Production Range

2.5 oz ~ 150oz blank, 60cc ~ 1100cc

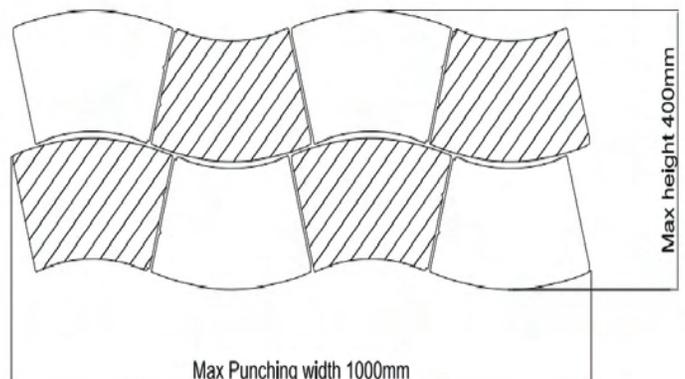
▷ Main Configuration

1. Paper roll die cutting
2. Heavy-duty metal mold (Long run production)
3. Tension control system(Paper roll unwinding)
4. Tracking the I-Mark system(Simple and easy operation)
5. Mitsubishi Servo control system(It works more accurate)
6. Automatic Collecting
7. Automatic Stripping
8. Quick change mold and adjustment (Around 20minutes)
9. Roof equipment (For C-curl of paper roll)
10. Air shaft-less unwinding part
11. Edge Position Control Sensor (E.P.C)

- LAY-OUT OF THE MACHINE



- SIZE RANGE OF BLANKING

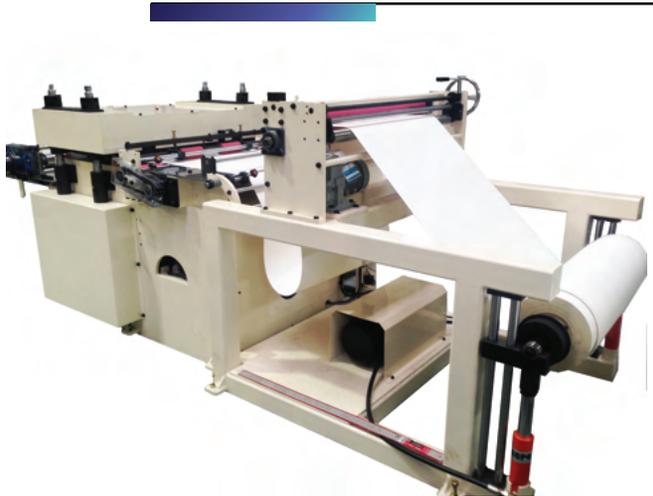




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+ PAPER ROLL DIE CUTTING MACHINE



▷ General Description

Roll die cutting machine is designed for paper plate, paper tray and etc with creasing

▷ Application of Machine

Paper blank for paper cup, bowl, plate and so on

▷ Production Range

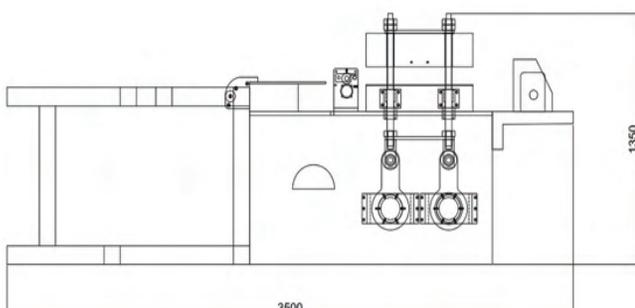
2.5 oz ~ 92oz blank

▷ Main Configuration

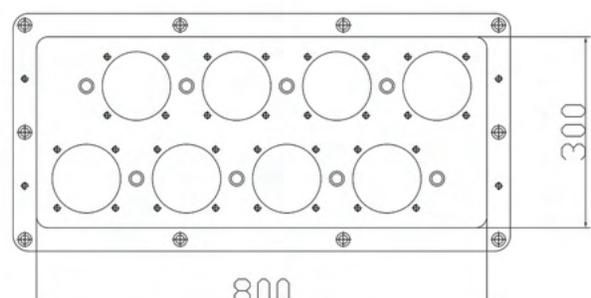
1. Paper roll die cutting
2. Wooden Mold
3. Tracking the I-Mark system
5. Mitsubishi Servo control system
(It works more accurate)
6. Automatic Collecting
7. Easy to Operate



- LAY-OUT OF THE MACHINE



- SIZE RANGE OF BLANKING





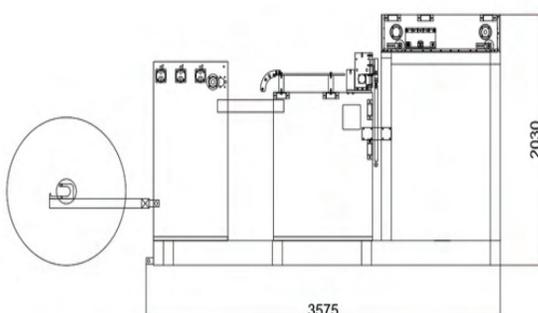
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PRODUCT



▷ Lay Out of Machine



● Paper Reel to Sheet Cutting Machine

▷ General Description

Special equipment for cutting paper roll and online sheet cutting with simple production, and high speed

▷ Application of Machine

Paper Jumbo Roll

▷ Production Range

Length : 100mm ~ 800mm, Width : 400mm ~ 850mm

▷ Main Configuration

1. Auto Tension Break for Paper roll
2. AC Servo Control System
3. High Speed with Finest Performance
4. 100RPM per minute
5. High quality Knife
6. PLC Control Paper Sheet Stacker

▷ Specification

Max Roll Width : 850mm

Max Roll Diameter : 1500mm

Paper Thickness : 170 ~ 350gsm

Speed of Production : 100RPM/minute

Cutting Size : Width 400 ~850mm / Length 100 ~800mm

Control System : AC Servo / Inverter / I-Mark / PLC

Total Power : 10kW

Rated Frequency : 50/60Hz

Dimension : 4300 x 1800 x 2500

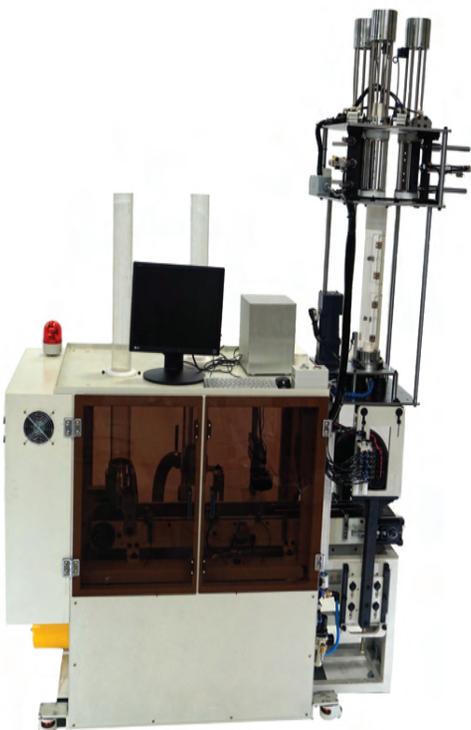
Weight : 2500kg



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PRODUCT



● Paper Cup Inside Inspection Machine

▷ General Description

Paper cup inspection machine inspects automatically pollution of inside paper cup and paper container

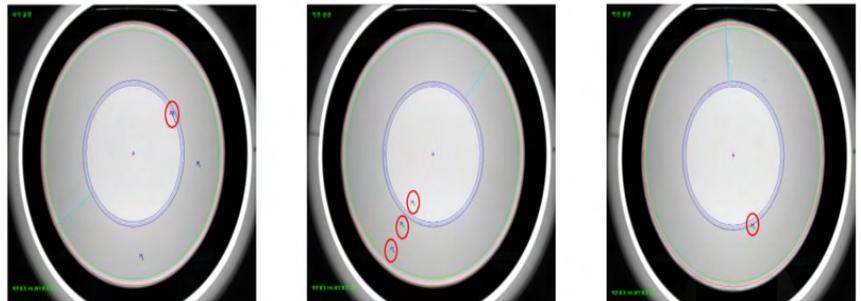
▷ Application of Machine

Paper drinking cup, Paper container, Instant noodle bowl

▷ Production Range

4oz to 92oz

▷ Inspection Image



▷ Specification

Application : Paper Drinking Cup, Instant Noodle bowl, etc

Container Size : 4oz ~ 92oz

Inspection Speed : 180pcs / minute (depends on size)

Inspection Position : Inside wall & bottom

Detection Index : Seam open, Inverse Curling, Bottom leakage, Damage Deformation, Cup Detection

Control System : PLC / 1 Camera(Germany)

Software : Container Inspection Software (Safe cup easy)

Total Power : 7kW

Pneumatic : 0.85MPA

Rated Frequency : 50/60Hz

Rated Voltage : Three phase 220v

Dimension : 1700 x 800 x 2500

Weight : 500kg



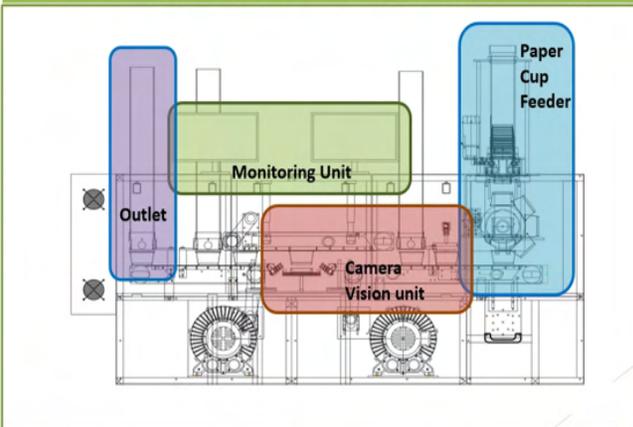
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PRODUCT



Paper Cup Inspection Machine (PCIM-2020)



Specification

- Application : Paper Drinking Cup, Instant Noodle bowl, etc
- Container Size : 4oz ~ 92oz
- Inspection Speed : 180pcs / minute (depends on size)
- Inspection Position : Inside wall & bottom, Cup-mouth, Outside-bottom
- Detection Index : Seam open, Inverse Curling, Bottom leakage, Damage Deformation, Cup Detection
- Control System : PLC / 5 Camera(Germany)
- Software : Container Inspection Software (Safe cup easy & Safe cup multi)
- Total Power : 7kW
- Pneumatic : 0.85MPA
- Rated Frequency : 50/60Hz
- Rated Voltage : Three phase 220v
- Dimension : 2600 x 800 x 2500
- Weight : 800kg

Paper Cup Inside & Outside Inspection Machine

General Description

Paper cup inspection machine inspects automatically pollution of inside and outside paper cup and paper container

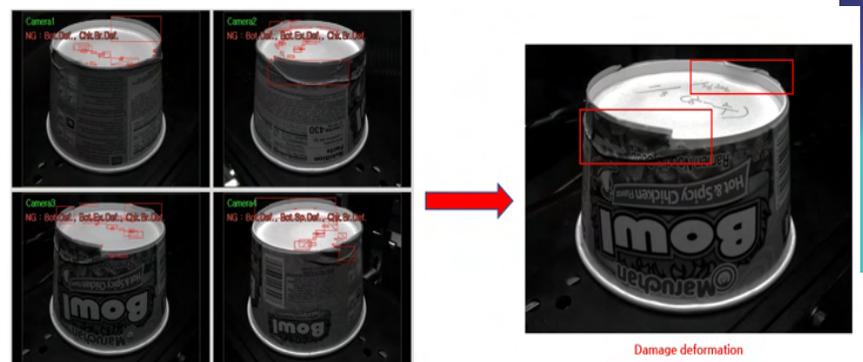
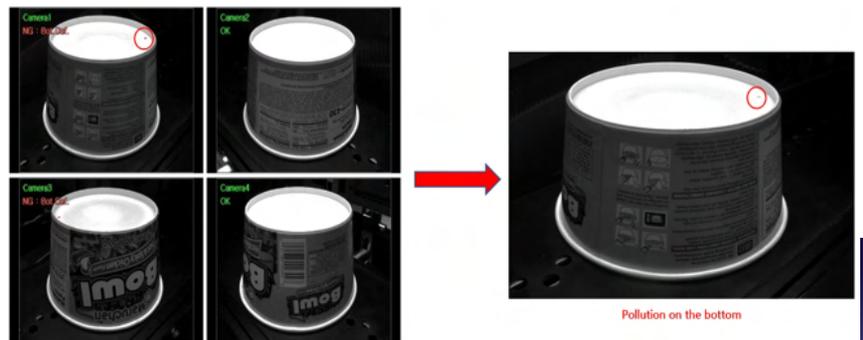
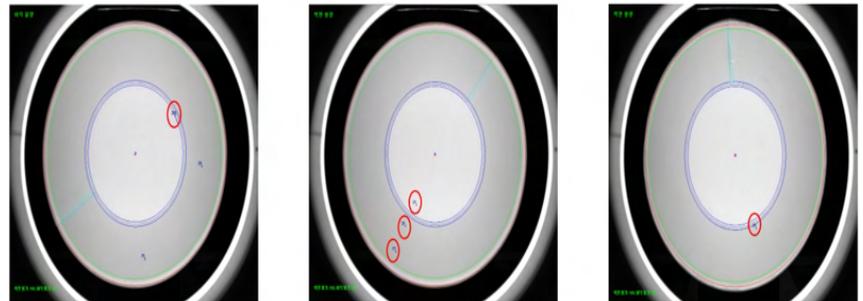
Application of Machine

Paper drinking cup, Paper container, Instant noodle bowl

Production Range

4oz to 92oz

Inspection Image

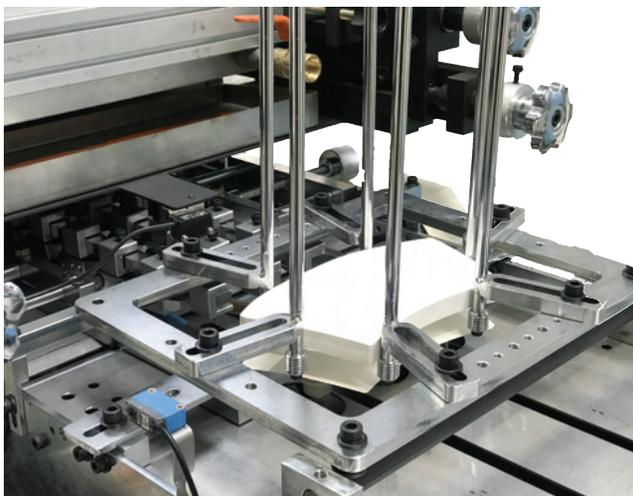
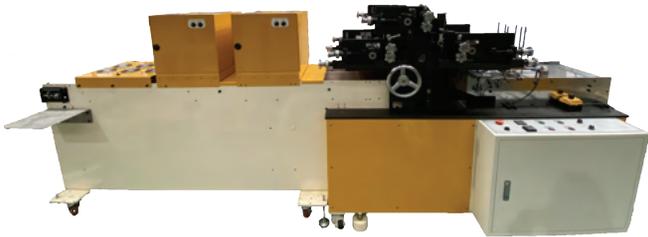




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PRODUCT



● Paper cup fan blank Offset printing machine

▷ Technical Parameters

Model : Paper Cup Fan Blank Offset Printing Machine (OSPM-1100)

Paper cup blank offset printing machine is best option for small amount of customized production.

▷ Main Configuration

1. Automatic Feeding Paper cup blank (fan, tray)
2. Easy to operate
3. 3Color UV offset printing
4. UV Flexo Ink uses
5. Double UV Lamp Heater
6. 4oz to 32oz can be printed

▷ Specification

Application : Paper Cup Blank & Tray

Blank Size : 4oz ~ 32oz Blank

Paper Thickness : 170 ~ 400gsm

Material : Single coated & Double coated Paper

Speed of Production : Max 90 ~ 100pcs (single coated paper)
Max 70 ~ 80pcs (double coated paper)

Anilox Cylinder : 220LPI ~ 600LPI

Ink Dryer : Ultraviolet Lamp Heater

Total Power : 7kW

Dimension : 3800 x 1000 x 1500

Weight : 1500kg

+ CONTACT



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