CORPORATE
Brochure
Paper Converting Machinery

His World International

HIS WORLD INTL
MACHINERY

His World Intl

Paper Converting Machinery

PROFILE

We are 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 Paper Converting Machinery
We are successfully certified by ISO9001:2015, ISO14001:2015
All of our products are approved CE certificate and also patented by Korean government.

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
Developmnet 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 9001:2015 Certified
ISO 14001:2015 Certified

2014 - 2017
Development of
Paper Cup Inside Inspection Machine

2018 - 2022
Development of blank offset printing machine
& Paper cup in/out side inspection machine
Approved a certificate of patent

SOCIAL

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

https://facebook.com/HISWORLDINTERNATIONAL/

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Certification

Paper Converting Machinery

+ CE Certification

+ Certificate of Quality & Environment Management
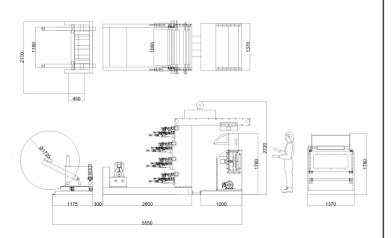

+ Certificate of Patent
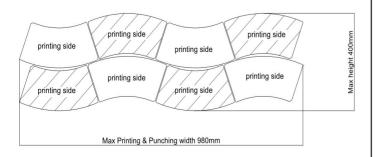
Flexo Printing & Blanking Machine

+ PRODUCT

▷ Front View Picture of Machine

▷ Layout of Machine

▷ Range of Printing & Blanking

● **Flexographic Printing & Blanking Machine**

▷ 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.

▷ Model

1. FPPM-BS2023
2. FPPM-ES2023
3. FPPM-ALS2023

▷ Production Range

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

▷ Main Configuration

1. Paper Roll Die Cutting
2. Flexographic Printing with Waterbased Inks
3. Edge Position Control for Web Guide
4. Auto tension control with Powder Brake
5. Tracking the I-Mark(Photo-Mark) system
6. Mitsubishi Servo with Trio Motion Control
7. Automatic Collecting
8. Automatic Stripping
9. Air pump type for Supplying Inks
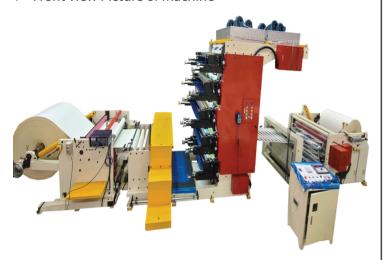10. Corona treatment for double coated paper

▷ Specification of the Machine

MODEL	Flexo Printing and Punching Machine (FPPM-ES2023)
Blank Application	Paper Cup
Blank Size	2oz ~ 150oz Blank, 60cc ~ 1100cc
Max Roll Width	980mm
Max Roll Diameter	1600mm
Printing type	Flexographic Printing
Anilox Specification	200LPI ~1000LPI
Printing Color	Up to 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 ink supply type
Control System	AC Servo/ Inverter / I-Mark / Auto tension
Air Press Consumption	1HP(0.75KW)
Total Electric Power	Approximately 20kw (Heater +25kw)
Rated Frequency	50/60 Hz
Rated Vortage	220 V 3~
Machine Dimension	5550 x 2110 x 2720
Installation Dimension	7000 x 2400 x 3000
Weight	7,000KG

Max height 400mm

Max Printing & Punching width 980mm

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Flexographic Printing Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

▷ Range of Printing

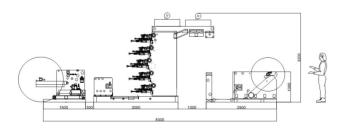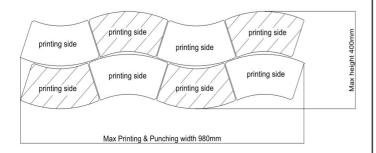Max Printing & Punching width 980mm

Max height 400mm

● Flexographic Printing Machine

▷ AIR PUMP TYPE

Flexographic Printing Machine is best option for roll to roll printing of paper cup blank(fan) with different size of cups.

▷ Model

1. FPM-ES2023 (3 / 4 / 5 Color)
2. FPM-ALS2023 (3 / 4 / 5 Color)

▷ Production Range

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

▷ Main Configuration

1. Roll to Roll Flexo Printing with Water based inks
2. Edge Position Control for Web Guide
3. Auto tension control with Powder Brake
4. High Speed of Printing (More than 100M/minute)
5. Air pump type for Supplying Inks
6. Corona Treatment for Double Coated Paper
7. Upto 5 Color Printing Performance
8. Double Heaters for Drying Inks

▷ Specification of the Machine

MODEL	FPM-ES2023 (3COLOR)	FPM-ES2023 (4COLOR)	FPM-ES2023 (5COLOR)
Application	Paper Cup, Plate, bowl and Paper container.		
Max Roll Width	980mm		
Max Roll Diameter	1600mm		
Printing type	Flexographic Printing (Anilox Cylinder 200 ~900LPI)		
Printing Color	3 color	4 color	5 color
Paper Thickness	170 ~ 350gsm		
Printing Speed	100 meter ~ 120 meter /minute		
Ink Feeding type	Air pump type		
Control System	AC Servo/ Inverter / I-Mark / Auto tension		
Total Electric Power	30kw (Heater +25kw)		
Rated Frequency	50/60 Hz		
Rated Vortage	220 V 2HP		
Dimension	8500 x 2200 x 2175	8500 x 2200 x 2600	8500 x 2200 x 3200
Weight	7,500KG	8,000KG	9,000KG

Paper Cup Blanking Machine

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+ PRODUCT

▷ Front View Picture of Machine

▷ Layout of Machine

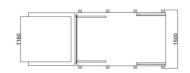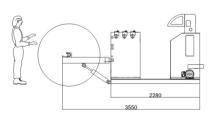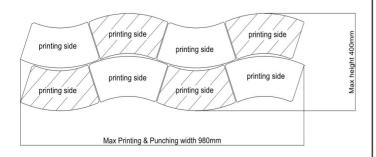▷ Range of Blanking (Can be customized)

Max Printing & Punching width 980mm

● **Paper Cup Blanking Machine (S-Model)**

▷ S-Model

Flexographic Blanking(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. Heavy-duty Metal Mold (Long run production)
3. Auto tension control with Powder Brake
4. Tracking the I-Mark(Photo-Mark) system
5. Mitsubishi Servo with Trio Motion Control
6. Automatic Collecting
7. Automatic Stripping
8. Quick Changing Mold (Around 20minutes)
9. D-curl Adjustment Cylinder

▷ Specification of the Machine

	BLANK PUNCHING M/C (S-Model)	
Blank Application	Paper Cup, Plate, bowl	
Blank Size	2oz ~ 150oz Blank,	60cc ~ 1100cc
Max Roll Width	980mm (Can be customized)	
Max Roll Diameter	1,600mm	
Number of Blanking	Up to 6 Way (Depends on blank size)	
Paper Thickness	170 ~ 350gsm(Paper Cup),	
Material	PE Laminated paper	
Speed of production	Max. 300stroke/min(Paper cup)	
Paper Feeding Method	Servo motor with Trio motion control	
Control System	AC Servo/ Inverter / I-Mark / Auto tension	
Total Electric Power	Approximately 15kW	
Rated Frequency	50/60 Hz	
Rated Vortage	220 V 3~	
Dimension	3600 x 1500 x 1800	
Weight	3,000kg	

Paper Cup Blanking Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

▷ Range of Blanking (Can be customized)
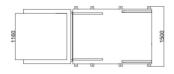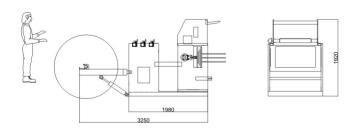

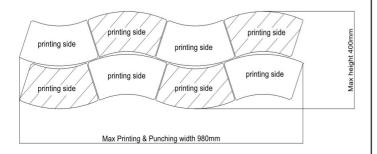Max Printing & Punching width 980mm

Max height 400mm

● **Paper Cup Blanking Machine (R-Model)**

▷ R-Model

Flexographic Blanking(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. Heavy-duty Metal Mold (Long run production)
3. Auto tension control with Powder Brake
4. Tracking the I-Mark(Photo-Mark) system
5. Mitsubishi Servo with Trio Motion Control
6. Automatic Collecting
7. Automatic Stripping
8. Quick Changing Mold (Around 20minutes)
9. D-curl Adjustment Cylinder
10. Roof equipment for feeding paper more smoothly

▷ Specification of the Machine

	BLANK PUNCHING M/C (R-Model)	
Blank Application	Paper Cup, Plate, bowl	
Blank Size	2oz ~ 150oz Blank,	60cc ~ 1100cc
Max Roll Width	980mm (Can be customized)	
Max Roll Diameter	1,600mm	
Number of Blanking	Up to 6 Way (Depends on blank size)	
Paper Thickness	170 ~ 350gsm(Paper Cup),	
Material	PE Laminated paper	
Speed of production	Max. 300stroke/min(Paper cup)	
Paper Feeding Method	Servo motor with Trio motion control	
Control System	AC Servo/ Inverter / I-Mark / Auto tension	
Total Electric Power	Approximately 18kW	
Rated Frequency	50/60 Hz	
Rated Vortage	220 V 3~	
Dimension	3300 x 1600 x 2000	
Weight	3,500kg	

Paper Cup Blanking Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

▷ Range of Blanking (Can be customized)

Max height 400mm

Max Printing & Punching width 980mm

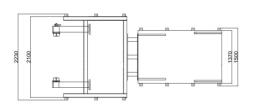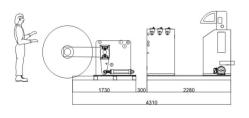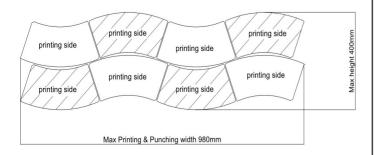● **Paper Cup Blanking Machine (ALS-Model)**

▷ ALS-Model

Flexographic Blanking(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.
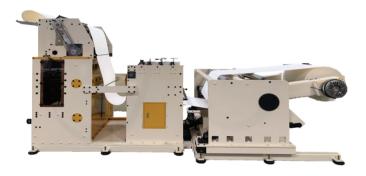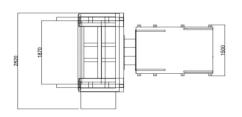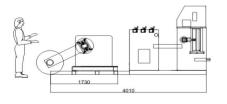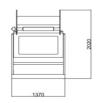
▷ Production Range

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

▷ Main Configuration

1. Paper Roll Die Cutting
2. Heavy-duty Metal Mold (Long run production)
3. Auto tension control with Powder Brake
4. Tracking the I-Mark(Photo-Mark) system
5. Mitsubishi Servo with Trio Motion Control
6. Automatic Collecting
7. Automatic Stripping
8. Quick Changing Mold (Around 20minutes)
9. D-curl Adjustment Cylinder
10. Air Shaft-less hydraulic unwinder

▷ Specification of the Machine

	BLANK PUNCHING M/C (ALS-Model)	
Blank Application	Paper Cup, Plate, bowl	
Blank Size	2oz ~ 150oz Blank,	60cc ~ 1100cc
Max Roll Width	980mm (Can be customized)	
Max Roll Diameter	1,600mm	
Number of Blanking	Up to 6 Way (Depends on blank size)	
Paper Thickness	170 ~ 350gsm(Paper Cup),	
Material	PE Laminated paper	
Speed of production	Max. 300stroke/min (Based on 6.5oz size)	
Paper Feeding Method	Servo motor with Trio motion control	
Control System	AC Servo/ Inverter / I-Mark / Auto tension	
Total Electric Power	Approximately 18kW	
Rated Frequency	50/60 Hz	
Rated Vortage	220 V 3~	
Dimension	3900 x 2200 x 1800	
Weight	5,000kg	

Paper Cup Blanking Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

2820
1870
1500

1730
4010
1370
2020

▷ Range of Blanking (Can be customized)

printing side
printing side
printing side
printing side
printing side
printing side
printing side
printing side
printing side
printing side
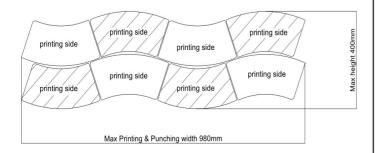
Max height 400mm

Max Printing & Punching width 980mm

● Paper Cup Blanking Machine (ALR-Model)

▷ ALR-Model

Flexographic Blanking(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. Heavy-duty Metal Mold (Long run production)
3. Auto tension control with Powder Brake
4. Tracking the I-Mark(Photo-Mark) system
5. Mitsubishi Servo with Trio Motion Control
6. Automatic Collecting
7. Automatic Stripping
8. Quick Changing Mold (Around 20minutes)
9. D-curl Adjustment Cylinder
10. Air Shaft-less hydraulic unwinder
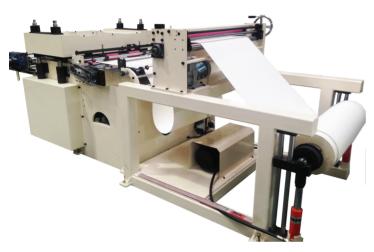11. Roof equipment for feeding paper smoothly

▷ Specification of the Machine

	BLANK PUNCHING M/C (ALR-Model)	
Blank Application	Paper Cup, Plate, bowl and etc	
Blank Size	2oz ~ 150oz Blank,	60cc ~ 1100cc
Max Roll Width	980mm (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 motor with Trio motion control	
Control System	AC Servo/ Inverter / I-Mark / Auto tension / E.P.C	
Total Electric Power	Approximately 20kW	
Rated Frequency	50/60 Hz	
Rated Vortage	220 V 3~	
Dimension	4200 x 2900 x 2100	
Weight	6000kg	

Paper Roll Die-Cutting Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

1200

3500

1350

1400

▷ Range of Blanking (Can be customized)

300

800

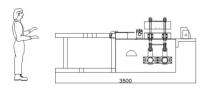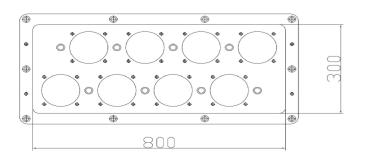● **Paper Roll Die-Cutting Machine**

▷ General Description

Roll die-cutting machine is designed for paper cup, plate, tray and Etc with embossing and creasing.

▷ Production Range

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

▷ Main Configuration

1. Roll Die Cutting
2. Wooden Mold uses
3. Tracking the I-Mark(Photo-Mark) system
4. Mitsubishi Servo control system
5. Automatic Collecting
6. Embossing on the paper
7. Creasing on the paper

▷ Specification of the Machine

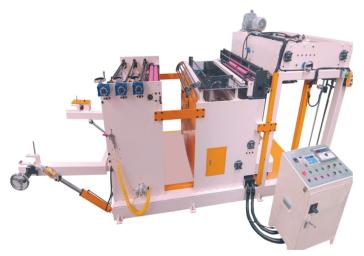| MODEL	ROLL DIE CUTTING MACHINE
Application	Paper Cup, Plate, bowl and Paper container.
Max Roll Width	850mm
Max Roll Diameter	1500mm
Paper Thickness	170 ~ 350gsm
Cutting Speed	70 RPM/minute
Blank Size	2.5oz ~ 92oz
Control System	AC Servo/ Inverter / I-Mark /
Total Electric Power	15kw
Rated Frequency	50/60 Hz
Dimension	1400mm X 3500mm X 1350mm
Weight	3500KG

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Reel to Sheet Cutting Machine

+ PRODUCT

▷ Front View Picture of Machine

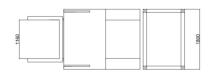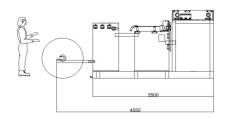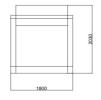● **Reel to Sheet Cutting Machine**

▷ General Description

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

▷ Range of Cutting

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

▷ Main Configuration

1. Reel to Sheet Cutting
2. Auto tension control with Powder Brake
3. Tracking the I-Mark(Photo-Mark) system
4. Mitsubishi Servo with PLC control
5. Automatic Collecting
6. High Quality Knife
7. PLC control for sheet stacker
8. D-curl Adjustment Cylinder

▷ Layout of Machine

▷ Specification of the Machine

MODEL	PAPER REEL TO SHEET CUTTING MACHINE	
Max Roll Width	850mm	
Max Roll Diameter	1500mm	
Paper Thickness	170 ~ 350gsm	
Cutting Speed	100 RPM/minute	
Blank Size	Width : 400mm ~ 850mm / Length : 100mm ~ 800mm	
Control System	AC Servo/ Inverter / I-Mark / PLC	
Total Electric Power	15kw	
Rated Frequency	50/60 Hz	
Dimension	4300mm X 1800mm X 2500mm	
Weight	3500KG	

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Paper Cup Inside Inspection Machine

+ PRODUCT
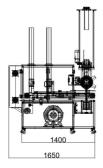
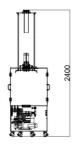▷ Front View Picture of Machine

▷ Layout of Machine

● **Paper Cup Inside Inspection Machine**

▷ General Description

Paper cup inside inspection machine inspects dectective cups such as Seam opened, inverse curling, damage deformation and etc.
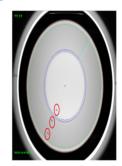
▷ Production Range

4oz cup to 92oz cups

▷ Main Application of Machine

1. Paper drinking cup
2. Paper instant noodle cup
3. Paper pop-corn cup
4. Paper container

▷ Inspection Image

▷ Specification of the Machine

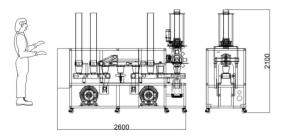| Paper Cup Inspection Machine	
Application	Paper Drinking Cup, Instant Noodle Bowl, Paper Container
Container Size	4oz. ~ 92oz.
Inspection Speed	180pcs/minute (depends on size of cups)
Inspection Position	Inside wall & bottom
Detection Index	Seam open, Inverse curling, Bottom leakage, Damage deformation, Cup detection
Pneumatic	0.85 MPA
Control System	PLC / 1 Camera
Software	Container Inspection software (Safe cup easy)
Rated Voltage	Three phase 220v
Rated Frequency	50/60 Hz
Total Power	7 kw
Dimension	L1700 x W800 x H2500 (For the height, It depends on cups)
Weight	500kg

Paper Cup In/Out side Inspection Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

800

2100

2600

● Paper Cup In/Out Side Inspection Machine

▷ General Description

Paper cup inside inspection machine inspects dectective cups such as Seam opened, inverse curling, damage deformation and etc.

▷ Production Range
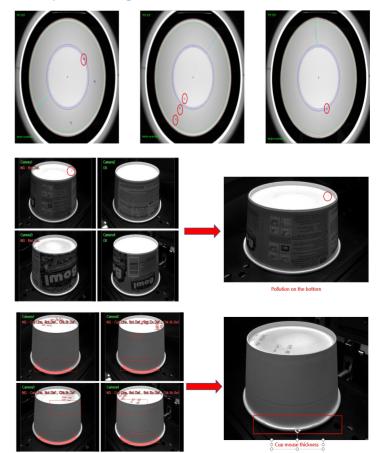
4oz cup to 92oz cups

▷ Main Application of Machine

1. Paper drinking cup
2. Paper instant noodle cup
3. Paper pop-corn cup
4. Paper container

▷ Inspection Image

Pollution on the bottom

Cup mouse thickness

▷ Specification of the Machine

Paper Cup Inspection Machine (PCIM-2020)	
Application	Paper Drinking Cup, Instant Noodle Bowl, Paper Container
Container Size	4oz. ~ 92oz.
Inspection Speed	180pcs/minute (depends on size of cups)
Inspection Position	Cup-Mouse, Inside wall & bottom, Outside-bottom and Curl
Detection Index	Seam open, Inverse curling, Bottom leakage, Damage deformation, Cup detection
Pneumatic	0.85 MPA
Control System	PLC / 5 Camera
Software	Container Inspection software (Safe cup easy, Safe cup multi)
Rated Voltage	Three phase 220v
Rated Frequency	50/60 Hz
Total Power	17 kw
Dimension	L2600 x W800 x H2500 (For the height, It depends on cups)
Weight	800kg

HIS WORLD INTL
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Blank Offset Printing Machine

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▷ Front View Picture of Machine

▷ Layout of Machine

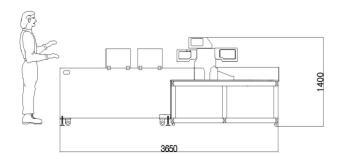● **Blank Offset Printing Machine**

▷ General Description

Blank offset printing machine is designed for small quantity of printing production. And also It's only for paper cup blank printing

▷ Printing size

4 oz to 32oz

▷ Main Configuration

1. Blank printing individually
2. Automatic feeding paper cup blanks
3. Easy to change the plate design
4. Double UV heater to dry fast
5. UV Flexo inks uses
6. Maximum 3color printing

▷ Printed Blank Sample

▷ Specification of the Machine

	OSPM-1100	
Blank Application	Paper Cup, Plate and Tray	
Blank Size	4oz ~ 32oz Blank	
Paper Thickness	170 ~ 400gsm	
Material	Single and double coated paper	
Speed of Production	Max. 90~100pcs/min(single)	Max. 70~80pcs/min(double)
Ink Type	UV Flexographic ink	
Printing Color	Maximum 3 color	
Anilox Roller	220LPI ~ 600LPI	
Ink Dryer	Ultraviolet(UV) Lamp heater	
Total Power	15kw	
Dimension	3800 x 1000 x 1500	
Weight	1000kg	