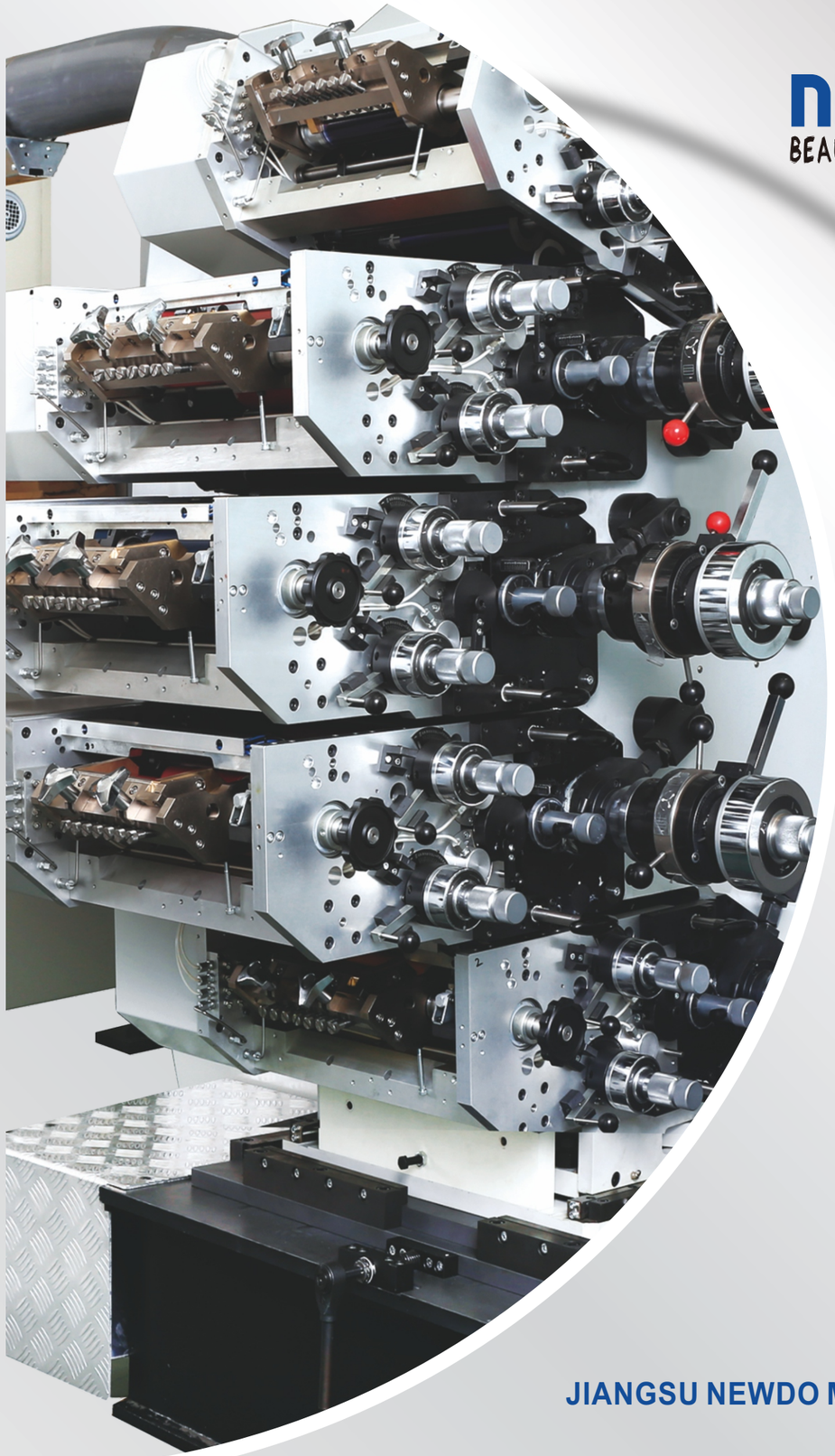
NEWDO
BEAUTIFY NEW WORLD
www.newdomachine.com

JIANGSU NEWDO MACHINE CO.,LTD.

Add.: No.258 Yihe Road, WuJiang District, Suzhou, China
Tel. : +86 512 63362936
Fax.: +86 512 63362931
Mp. : +86 13812774434
E-mail:Jed.cheng@newdomachine.com



NEWDO
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Dry-offset printing machine
for decoration of round cups

JIANGSU NEWDO MACHINE CO.,LTD.

COMPANY PROFILE

Jiangsu NEWDO Machine Co., Ltd. dedicates to the development and production of cup printer, that is dry-offset printing machine for decoration of plastic container, such as: yogurt cups, milk tea cups, juice cups, coffee cups, ice cream cups, drink cups, food barrels, oil drums, flower pots and so on. After fully absorbed the international advanced technology and assembly processes, NEWDO MACHINE has carried out fruitful improvement and innovation based on the years' experience in the industry, and NEWDO MACHINE has several technical patents.

Many features of our machines, such as stability, printing quality and production efficiency, have reached the international top level in this industry. Thus, our machines represent the highest level in domestic industry.

“Demand-oriented, Result-orientated, Leading technology, Quality service” is our principle; Providing cost-effective printing solutions is our purpose. We firmly believe that: customer's demand is our growing power to further improvement and innovation. **BEAUTIFY NEW WORLD!** We will provide customers with more and better printing machines!

Safety&Reliable

Meet 7*24 hours continuous production,stable print quality at high speed,rather low failure rate,Stably used for more than 10 years, all electrical components are made in Europe and America. Assembly accord with CE standards. Rigorous design concept.

Hign precision&Easy operation

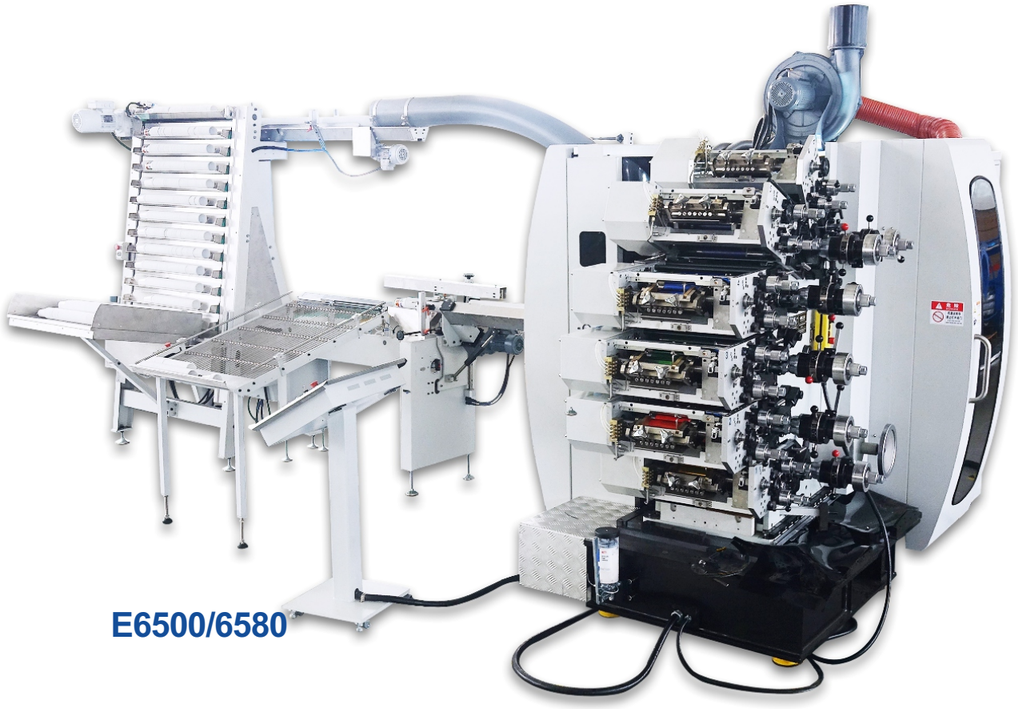
Human-machine interaction up to 120 lines per inch printing precision a variety of usability testing functions fast product changing system

Highly efficient&Environmental friendly

High speed up to 400-600 cups per minute.minimal maintenance downtime and low scrap rate. The feature of printing directly on container simplified the printing process, improved production efficiency and reduced production costs.

Printing machine model C6400 E6500/6580 S8600

- Speed up to 400~600 cups per minute
- Excellent print quality up to 6 or 8 colors
- World-class manufacturing quality
- Wide variety of shapes and materials
  (PP PET PS EPS PLA)of plastic cup
- Quality technical service



E6500/6580

Features and Benefits

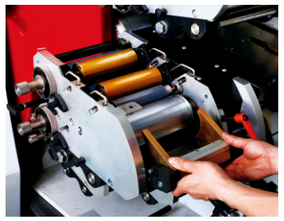
- Well proven colorhead based on decades of manufacturing experiences.
- Sharp print performance with tow form rollers on each colorhead.
- Pinbar plate cylinders.
- Easy access to product handling areas and print area.
- Optimum product feeding with separate screw feeder motor.
- Corona pretreatment with easily adjustable electrodes and output power matches the actual printing speed.
- Graphic operation panel,friendly operations.
- Mandrel changes quickly and can be commonly used on all NEWDO cup printers.
- Mandrel rotation control for all-around pretreatment and curing.
- High powered“Curing on Mandrel”UV-lamp system with stand-by mode.
- Pinhole detection and reject system.
- Remote diagnostics.
- Pre-inking system.
- Pressure and registering adjustable when printer running.
- Ink fountain adjusts with screws.
- Shift production record.
- Designed and manufactured in accordance with the latest environmental and safety standards.

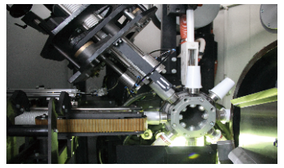
S8600

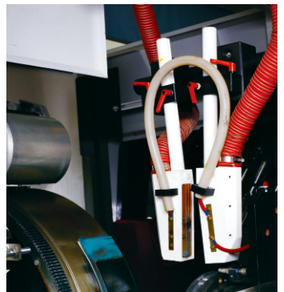
C6400

C6400

A printer with first time right printing plate mounting, high accuracy punching of printing plates and unique attaching system eliminates the need of registration. Easy operation and maintenance, friendly interface, etc. This machine does not require too high skills of the personnel.

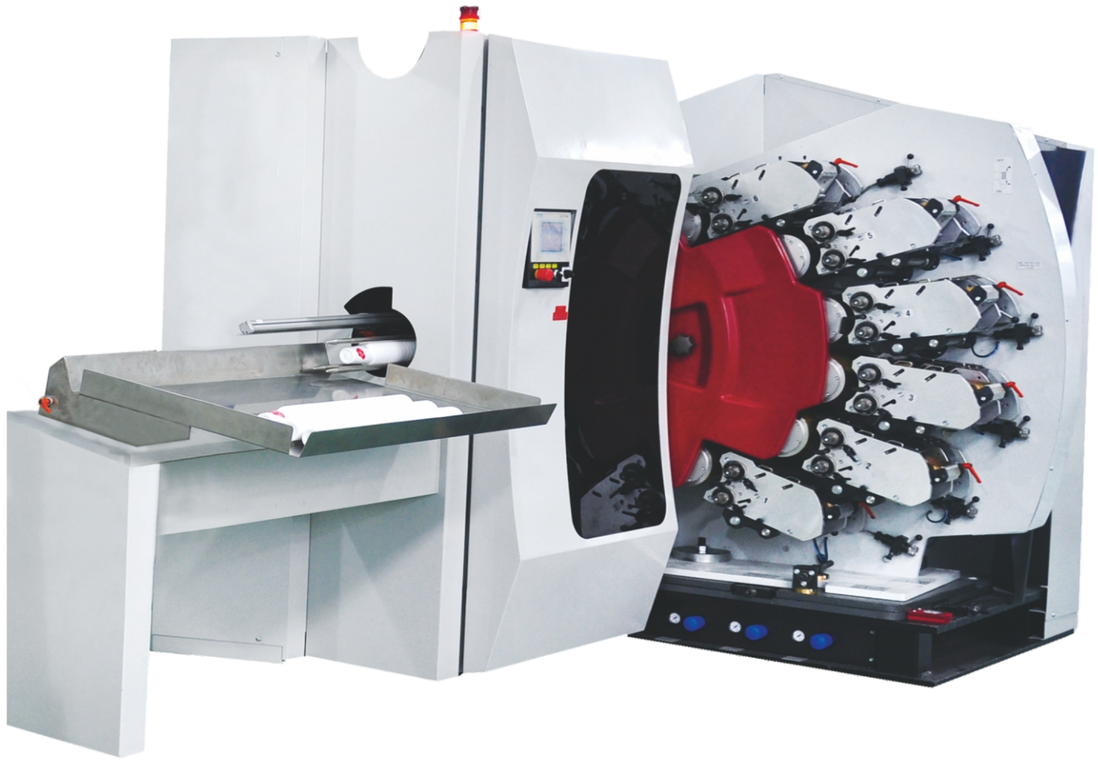




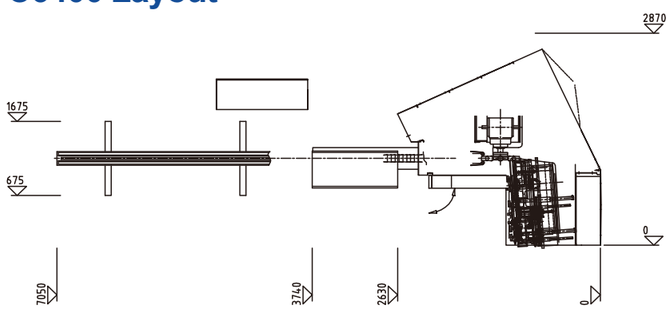


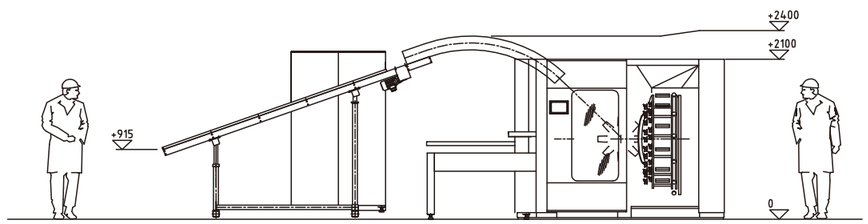
Technical Data Sheet

Max production speed	400pcs/min
Cup height	30-180mm
Rim diameter	40-180mm
Cup taper	0-15°
Max printing height	120mm
Max printing length	300mm(4 blanket,Index 150°) 425mm(2 blanket,Index 150°)
Colorhead	6
Net. Weight	2500KG
Machine height	2400mm
Machine length	7050mm(Standard with belt tray feeder)
Machine width	2870mm
Safety protection	The moving parts and UV system are enclosed providing UV light shielding and operator safety. Safety interlocked for excellent accessibility. Safety standards according to CE standard.
Features and Benefits	“First time right”plate mounting No cups or double cups machine alarms and tops Belt tray feeder with pressure device System counting restacker with packing table Separate drive motors ensure smooth and stable output at different printing speed
Optional features	“A”or”L”farme tray feeder Screw or laser exact counting restacker with packing table Double corona system Take-off stripper system Reject stripper system Hold-on device Gas flame pre-treatment Air conditioner or heat exchanger for cabinet



C6400 Layout





Quick start practical printer C6400

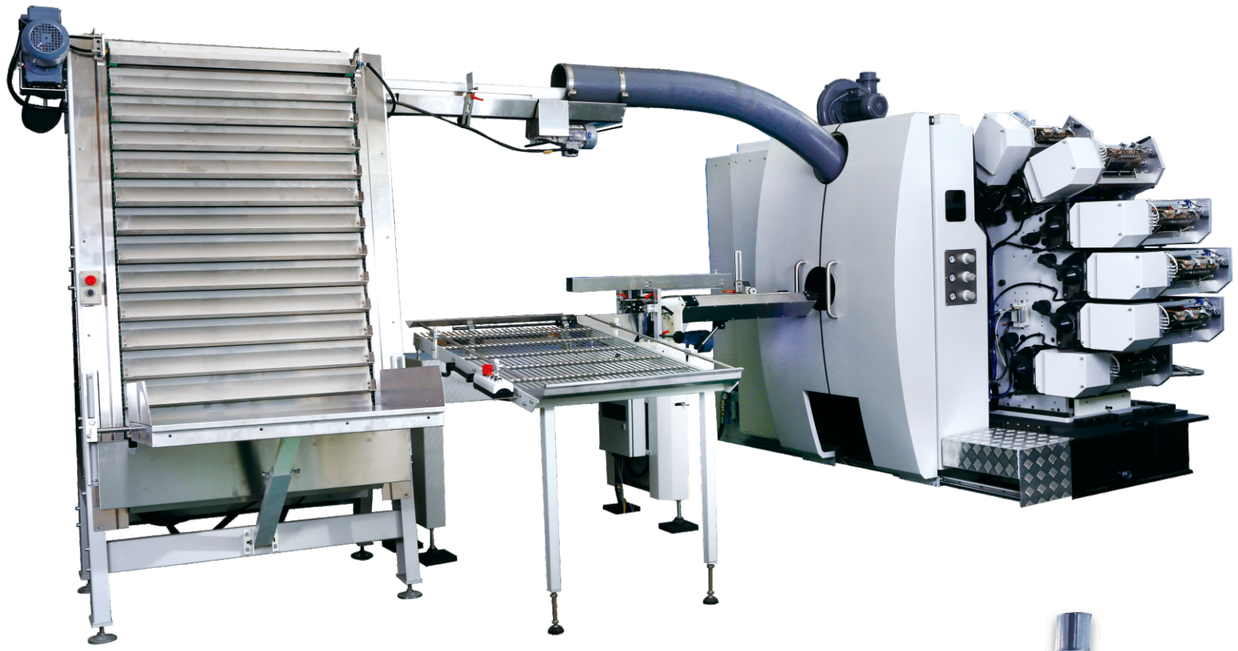
Quick start practical printer C6400

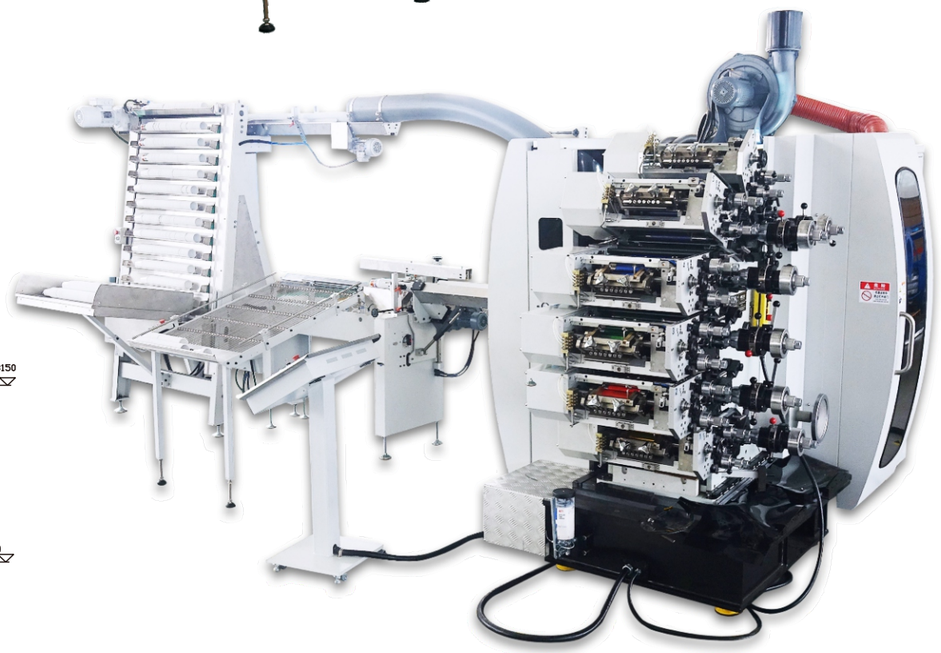
E6500/6580

A printer with a wide range of application of different cups. The combination of the excellent colorhead construction and accurate printing plate registration resulted in a sharp printing quality. Its more options can satisfy higher level needs of the customers.

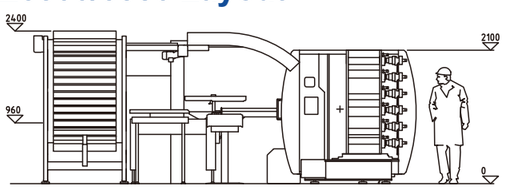
Technical Data Sheet

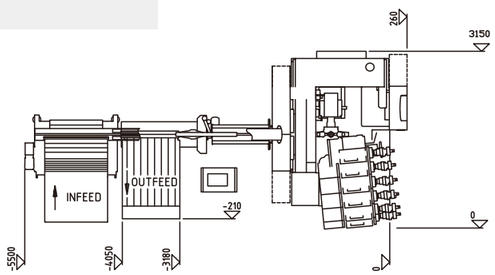
Max production speed	500/580 pcs/min
Cup height	30-200mm
Rim diameter	50-205mm
Cup taper	0-15°
Max printing height	150mm
Max printing length	368mm(4 blanket,Index 150°) 540mm(2 blanket,Index 150°)
Colorhead	6
Net. Weight	5500KG
Machine height	2400mm
Machine length	6900mm(Standard with belt feeder)
Machine width	3150mm
Safety protection	The moving parts and UV system are enclosed providing UV light shielding and operator safety. Safety interlocked for excellent accessibility. Safety standards according to CE standard.
Features and Benefits	Laser exact counting restacker with packing table No cups on print and double cups machine alarms and stops Register-accurate plate adjustment 2/4 Blanket mode Pre-inking mode Liquid cooling system for colorheads Central lubrication system
Optional features	"A"or"L"farme tray feeder Screw exact counting restacker with packing table Double corona system Reject stripper system Take-off stripper system Automatic Ink agitators for consistent ink condition Rollers cleaning system Air conditioner or heat exchanger for cabinet

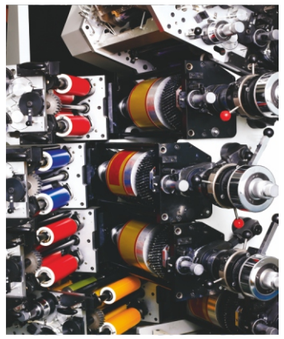




E6500/6580 Layout







High cost-effective printer E6580

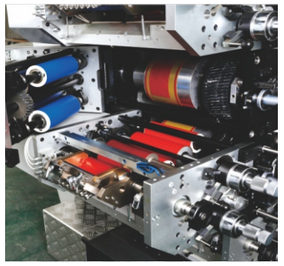
High cost-effective printer E6500/6580

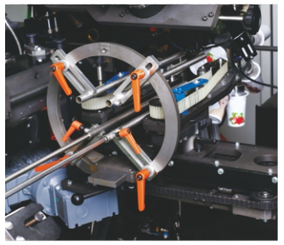
S8600

A printer up to eight color professional printer with high speed that adopts advanced intelligent control system and abundant practical functions, make the operation more convenient, more labor cost saving. This printing machine is introduced based on “Modular building concept”with the advantage that customer can compose the machine according to their requirements. It can be extended with a variety of options to shorten the change over time, to enhance printing quality and meet more and more challenging printing quality requirement.

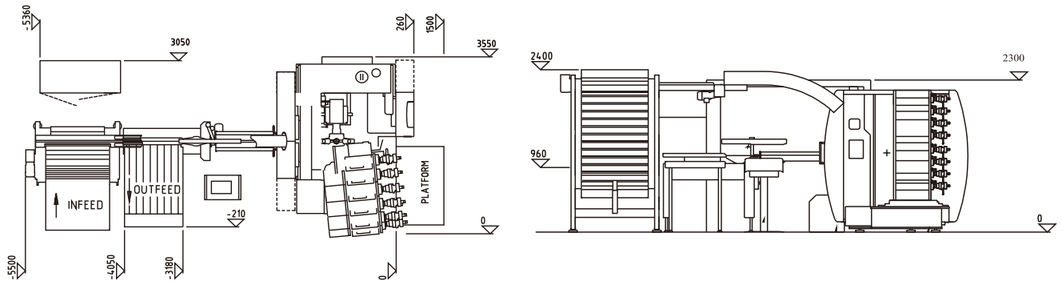
Technical Data Sheet

Max production speed	600pcs/min
Cup height	30-200mm
Rim diameter	50-205mm
Cup taper	0-15°
Max printing height	150mm
Max printing length	368mm(6 blanket,Index 150°) 540mm(3 blanket,Index 150°)
Colorhead	8
Net. Weight	8000KG
Machine height	2400mm
Machine length	7000mm(Standard with “A”frame tray feeder)
Machine width	3550mm
Safety protection	The moving parts and UV system are enclosed providing UV light shielding and operator safety. Safety interlocked for excellent accessibility. Safety standards according to CE standard.
Features and Benefits	High efficient”A”frame tray feeder with big buffer capacity Laser exact counting restacker with packing table Separate drive motors ensure smooth and stable output at different printing speed No cups no print and double cups machine alarms and stops Register-accurate plate adjustment 3/6 blanket mode
Optional features	Hold-on device “L”frame tray feeder Screw exact counting restacker with packing table Double corona system Liquid cooling system for colorheads Take-off stripper system Reject stripper system Automatic Ink agitators for consistent ink condition Central lubrication system Air conditioner or heat exchanger for cabinet





S8600 Layout



Eight color speed high accuracy printer S8600

Eight color speed high accuracy printer S8600