

SWIFTS
an ISO 9001-2008 company

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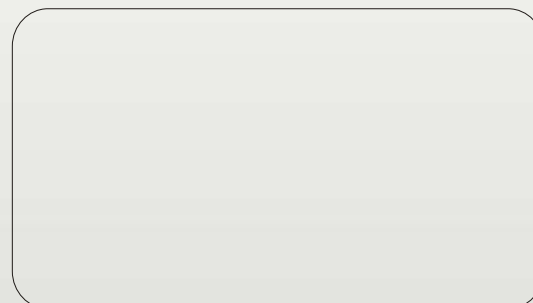
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AUTHORISED DEALER / AGENT



Advent *Poly* Plus

Specially Designed for Polythene Printing

SWIFTS Advent Poly Plus

Swifts Advent Poly Plus offset machine is compact in size & has an efficient design. Swifts Advent Poly Plus printing machines have been specially designed for printing and drying PVC / Poly surface to meet the requirement of quality jobs on plastic bags. Using superior technology developed by swifts.

High Performance feeder

The continuous feeder ensure perfect feeding of wide range of stocks at high speed. It can handle variety of stocks like paper, carry bags & plastic sheets up to 0.3 mm. Suction bar can be adjusted angularly during run, to suit paper thickness. This enables faster make ready of the feeder.



Pull Type Side Lay

Provision of pull type roller side lay helps in accurate positioning of the paper. On line micro adjustment ensures perfect registration while printing multi-colour jobs giving consistent quality.



Feed Roller Infeed System

The continuous running feed roll system is used to accelerate and forward the sheet to the impression cylinder grippers. This ensures precise positioning of paper at impression cylinder, giving perfect registration.



Optical Sensors

This is an advanced feature which detects the sheet on registration board and sets the impression on/off automatically, thereby avoiding the conventional mechanical lever method.



Inking System

It consists of two Form Rollers and three Oscillating Rollers with positive gear drive and 25 mm oscillation stroke. This ensures proper grinding of ink to achieve smooth consistent film. The simple design ensures faster make ready. Rollers are designed for normal offset ink as well as UV ink.



Cylinder Configurations

All Cylinders all precisely machined and plated with hard chrome. The cylinders run on high precision angular contact ball bearings, for stable machine performance. Plate and blanket cylinders have hardened steel bearers giving sharp image with consistent quality. Single tool is used for adjusting pressure between impression & blanket cylinders, to accommodate variety of paper stock.



UV Dryer

Dryer unit consist of vacuum belt for smooth conveying of carry bag or plastic sheets. High power UV lamp is used for drying of ink which gives glossy effect on printed matter. Unique low noise blower is provided for cooling and conveyor.



SPECIFICATIONS

Sheet Size (max)	508 x 381 mm (20" x 15")
Sheet Size (min)	203 x 152 mm (8" x 6")
Max. Printing Area	508 x 355 mm (20" x 14")
Minimum Gripper Margin	10 mm
Speed	1500 - 6000 IPH*
Stock Handled	30 gsm - 250 gsm
Plate Size	520 x 400 mm
Plate Thickness Max.	0.3 mm (0.1mm Master with packing)
Plate Gripper Margin	25.4 mm
Blanket Size	525 x 420 x 1.9 mm
Feeder Capacity	515 mm
Delivery Capacity	430 mm
Drive Motor	1 Phase, 0.75 HP D.C Forward-Reverse Inching Facility Emergency Stop
Pump Motor	1 Phase, 1 HP A.C. (3 Phase Optional)
Electrical Supply Rating	1 Phase, 230 V ± 10%, 50 Hz., 9 HP
UV Dryer Unit	1 Phase, 230 V, 7.5 HP
Inker	No. of Rollers : 11 (Including 2 form)
Dampener	No. of Rollers : 4 (Including 1 form)
Dimensions (L x W x H)	3375 mm x 1275 mm x 1425 mm
Weight/Approx.	1450 kg.

Advantages

- Unique Three Cylinder design
- Chain delivery with three grippers
- Optical sensor for impression on-off
- Front and side perfect registration
- Oil cups for lubrication
- Shorter make-ready-time.
- Roller cleaning device (Wash Tray Attachment)
- Print with poly master and plates
- Safe working with UV dryer
- Low maintenance cost
- Emergency stop switch
- Low noised cooling blowers
- Time & Labour Saving
- Energy saving, better than other conventional dryers.

* Actual printing speed depends upon thickness, size, condition of stock to be run, accuracy of register required and other operating conditions. Due to our policy of continuous products development, design and specifications may be modified or upgraded without notice. There may be slight variations in the actual colour of the machines, than what is shown in the colour panel.