

## Technical Specifications

Maximum Paper Size	: 480 x 660 mm (19" X 26")
Minimum Paper Size	: 125 x 175 mm (5" X 7")
Maximum Coating Size	: 465 x 645 mm
Paper Thickness	: 60-350 gsm
Coating Speed	: 2000 - 5500 sph
Feeding System	: Single Sheet
Blanket Size	: 510 x 660 x 1.65 mm
Polymer Plate Thickness (For Spot Coating)	: 1.6 mm
Gripper Margin on Plate	: 40 mm
Gripper Margin on Paper	: 10 mm
Gripper Bite	: 5 mm
Circumferential Image Micro Adjustment	: 20 mm
Registration Accuracy	: $\pm 0.5$ mm
Pull Lay Fine Adjustment	: $\pm 1.5$ mm (Pull Lay)
Delivery System	: Chain Delivery
Varnish Unit	: 2 Roller with Anilox Roller and Doctor Blade
Coating Thickness	: 3 gsm
Lubrication System	: Centralised Lubrication System
Power Consumption	: 3 Kw (4 Hp) Main M/c, 10 Kw for Dryer
Dimensions (L X W X H)	: 4580 x 1835 x 1380 mm (Machine with Dryer)

## Features at a Glance

- Single sheet feeder
- Coating unit with anilox roller and doctor blade
- Varnish pump & duct
- Double sheet detector
- Removable cylinder gripper
- Blow bar for precise paper dropping
- Pull type side lay
- Centralized touch screen control panel
- Rigid delivery gripper
- Plate cylinder for full / spot coating
- Adjustable delivery guides
- Ultrasonic double sheet detector (Optional)

## Standard supply of UV/IR Dryer unit comprising of the following:

- 12 ft Vacuum Hold-down, Teflon Coated Fiber Belt Conveyor.
- One IR Module comprising 2 IR Lamps of 2.5 Kw each.
- One UV Module comprising One UV Lamp of 300 Watts per inch power.
- Automatic Delivery Stacker.



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Due to continuous development and product improvements, the company reserves the right to change/alter the specifications mentioned herein.

Add more value to every print job.  
Enhance visual appeal and profits  
With Autoprint Fine Coat 65



## Protects printed matter the eco-friendly way! Autoprint Fine Coat 65

For years, lamination has been used to protect printed matter and enhance print value. In the recent past, however there has been increasing concern over the environmental impact of traditional lamination methods. The durability of lamination has also been questioned.

Addressing both these issues effectively while enhancing visual appeal of the printed material is the **Autoprint Fine Coat 65**, an offline UV Coating Machine that helps you add value to your print job and tap the growing potential in this market segment.

Besides offering a higher level of protection and enhancing visual appeal, **Autoprint Fine Coat 65** also enhances your profit by increasing speed, efficiency and turn-around times.



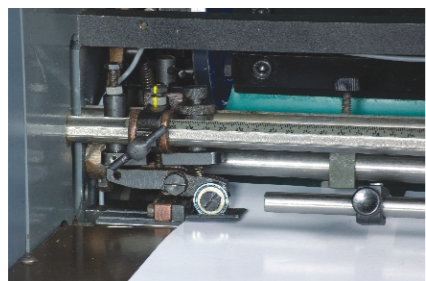
### Single Sheet Feeder

Single Sheet Suction foot feeding system assures trouble - free feeding of various paper thickness from 60-350 gsm, with ease. Special Suction caps are provided for thicker boards from 120-300 gsm. It is equipped with motorised raising mechanism which ensures precise lifting of paper table during feeding operation.



### Double Sheet Detector

The Electro Mechanical Double Sheet Detector located at the feeder is programmed to sense any excess sheet fed into the machine. When this happens, the sheet feeding stops instantly and the double sheet detected message appears on the Electronic Control Panel.



### Pull Type Side Lay

Side lay registration is essential for precise coating. This is assured through the Pull Type Side Lay Registration Mechanism provided on both sides of the conveyor board.



### Coating System

The Coating System is a 2 Rollers Construction with Anilox Roller and Doctor Blade which ensures consistent and uniform coating throughout the paper. The Varnish Fountain Roller has a continuous drive through a separate motor to ensure that the Aqueous Solution does not dry on the duct.



### Plate Cylinder for Full / Spot Coating

The Plate Cylinder is designed to fix Coating Blanket for Full Coating application as well as to change-over to Polymer Blocks in case of Spot Coating. The change-over between full and spot coating is quick and easy.



### Centralized Touch Screen Control Panel

The controls of Autoprint Fine Coat 65 are housed in a Centralized Touch Screen Panel. This PLC Touch Screen Panel allows easy operation and maximum productivity. This facilitates easy detection of defects and provides relevant feedback of the machine operating conditions.

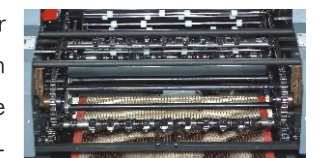


### Varnish Duct & Pump

The Varnish Duct is designed to use the expensive coating solution at an optimum level and allows re-circulating of the excess solution back to the reservoir. The Varnish Pump provided in the reservoir takes care of the adequate supply of solution to the Varnish Duct and re-circulation.

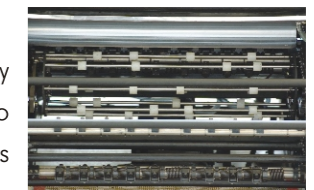
### Removable Cylinder Grippers

The Impression Cylinder Grippers are designed in such a way that they can be easily removed and re-fixed. This enables easy cleaning of any varnish spills and ensures smooth functioning of Grippers.



### Delivery Guides

The adjustable delivery guides are designed to avoid scratches or marks on the coated surface.



### UV / IR Curing System

Autoprint Fine Coat 65 is connectable to UV and IR Curing System. The standard equipment consists of a 12 ft. long Vacuum Hold-down Conveyor, IR Dryer Unit, UV Dryer Unit and an Automatic Delivery Stacker. The Conveyor Belt is made of heat-resistant Teflon-Coated Fibers. The IR Dryer is used to cure Aqueous Coatings which comprise of 2 IR Lamps and a Hot Air Blow System. The UV Drying Unit comprises of one UV Lamp with 300 Watts per inch power. The UV Dryer unit comes with a Power Saving Device. This allows the user to manually select the lamp power between 2 economy and normal modes of operation.

