

Fully Automatic UV Coating & Curing Machine



Overview

A World class product from APL. This machine can be used as Offline coater for UV & Aqueous coating as well as for primer coating. It can do full and spot UV varnish on thick & thin paper at the speed of 6000 or 10,000 sheets per hour. Conventional varnish or water based varnish can also be run on this machine.

This machine includes all technical solutions for easy operation and for increasing productivity. The machine is compact and solid built on a strong C.I. frame. It is reliable at any working speed. This machine is equipped with high grade hardened grounded gears for its smooth operation for years.

The UV curing lamps used in it are one of the best in the world. It consists of total vacuum bed for smooth conveying of paper and board, efficient cooling system for lamps.

IR lamps are also used for water base varnish or smoothness of UV lacq

Technical Specification:

Model	APL UV 1926	APL UV 2232	APL UV 2840
Maximum Sheet Size	495 mm x 673 mm	571 mm x 825 mm	723 mm x 1028 mm
Minimum Sheet Size	254 mm x 317 mm	300 mm x 400 mm	330 mm x 406 mm
Max. Coating Area	483 mm x 660 mm	546 mm x 813 mm	698 mm x 1016 mm
Max. Speed	10000 sheets per hour	10000 sheets per hour	10000 sheets per hour
Plate Size	813 mm x 559 mm	813 mm x 640 mm	865 mm x 1035 mm
Pile Height of Feeder	850 mm	850 mm	1250 mm
Pile Height of Delivery	1050 mm	1050 mm	1200 mm
Plate Cylinder Diameter	206.7 mm (with blanket)	280 mm (with blanket)	320 mm (with blanket)
Imp. Cylinder Diameter	206.7 mm	280 mm	320 mm
Space Requirement	L-8992 x W-2600 x H-2000	L-8550 x W-2600 x H-2000	L-11583 x W-3353 x H-2439
Machine Dimension	L-8550 x W-1829 x H-2000	L-7925 x W-1829 x H-2000	L-9854 x W-2134 x H-2439
Paper Thickness	80 to 400 gsm	80 to 400 gsm	80 to 400 gsm
Power (Coater)	3 KW	4 KW	6.2 KW
Power (UV Dryer)	7.5 KW (Single Lamp)	9 KW (Single Lamp)	12 KW (Single Lamp)
Weight	5.5 Ton	6 Ton	7 Ton

Features

- Precise registration at high speed using a precision adjustable side and front lay.
- Powerful stream feeder to handle stocks from 80 G.S.M to 450 G.S.M.
- User adjustable Double Sheet Detector.
- Maintenance free Varnish replenishment pump.
- 2/3 UV Lamps of 300W/inch as optional.
- Swing Arm Gripper for high speed & accurate registration.
- Micro adjustable front lays for easy and precise registration on the run.
- Adjustable side lays are given for front and reverse jobs registration.
- Delivery to accommodate a conveyor for hot air/U.V.dryers.
- Pneumatically actuated Anilox roller and impression cylinder.
- Quick change Anilox roller.
- Doctor blade assembly with doctor blade angle adjustment.
- Plate clamps suitable for clamping blankets or photopolymer plates.
- Full PLC control with digital touch screen human machine interface.
- Curing speed of up to 10000 speed per hour.
- Precise and Consistent coating weight with every job.



For further details please contact:

APL Machinery Pvt. Ltd., Plot No.70, Sector-59, HSIDC Indl. Estate
Faridabad, Haryana(121004), India, Tel: 0129-4189999 (100 Lines)

www.aplmachinery.com