BAJAJ PRINTPACK
MACHINERIES PVT LTD

Model No. BPM-CL-300



‘C’ Type Coating & Lamination Machine

TECHNICAL SPECIFICATION	
MODEL	BPM-CL-300
MACHINE WORKING WIDTH	300 MM
TYPE OF COATING	WATER / SOLVENT BASE
MATERIAL IN LAMINATION	PAPER / FILM / FOIL
MAX UNWIND / WIND ROLL DIA	500 MM
CORE INNER DIA	76 MM
MECHANICAL SPEED	100 M / MIN
COATING SPEED	10 to 45 METERS / MIN
ELECTRIC SUPPLY	440 V , 3 PHASE, 50 HZ
LENGTH OF HEATING CHAMBER	35 FEET
POWER REQUIREMENTS	36 K.W.
DIMENTION (LXWXH) METERS	6 X 1.5 X 3
WEIGHT OF MACHINE	3500 Kgs.

TECHNICAL DETAILS

Base Unit : The machine is designed on the principle of modular construction suitable for extension with coating machine. This machine is an efficient converter, which handle web material or substrates like BOPP, Polyester, Paper, Cellophane, PVC, Aluminum Foil and other allied materials from 10 microns to 120 -micron thickness. The frame is made on heavy M.S. body to avoid the vibration.

Coating Unit- There is one coating unit consisting of one roller (adhesive pickup roller) one rubber roller (pressure roller) driven by 1 HP DC motor and reduction gearbox. There is one doctor blade attachment complete with reduction gearbox and fine setting of ink for printing and lacquer coating. One adhesive tray will be provided for up and down adjustment. One dancing roll will also be provided to take care of any uneven feeding or gauge variation. Unwinding station having one shaft with taper cones, spring tension clutch / brake, side adjustment etc. Aluminum Cast idler rollers with double bearing provided for smooth running of the film.

Drying Chamber– All M.S. rollers in the heating chamber synchronized and drive with main drive, One Side Window to inspect the film and 3" thick glass wool to prevent the heat outgoing. 1 HP AC KIRLOSKAR MAKE blowers in two zones will be provided. The hot air from heating box is uniformly blown at different position ensuring the equal airflow on the film.

Lamination Unit - Winding unit consist of one steel roller, rubber roller for pressure, idler roller, center winding with one shaft with cones, slipping clutch, all driven by 2 HP DC motor.

Basement- Heavy-duty basement will be provided to avoid the vibration.

Control Board- Control board having digital temperature controller, AC variable motor control for unwind and rewind, web guide starters , blower starters, Unwind & Rewind pneumatic tension controller, Pressure rollers / Lay-on rollers pneumatic controls and all other standard accessories

Distributor / Agent :

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