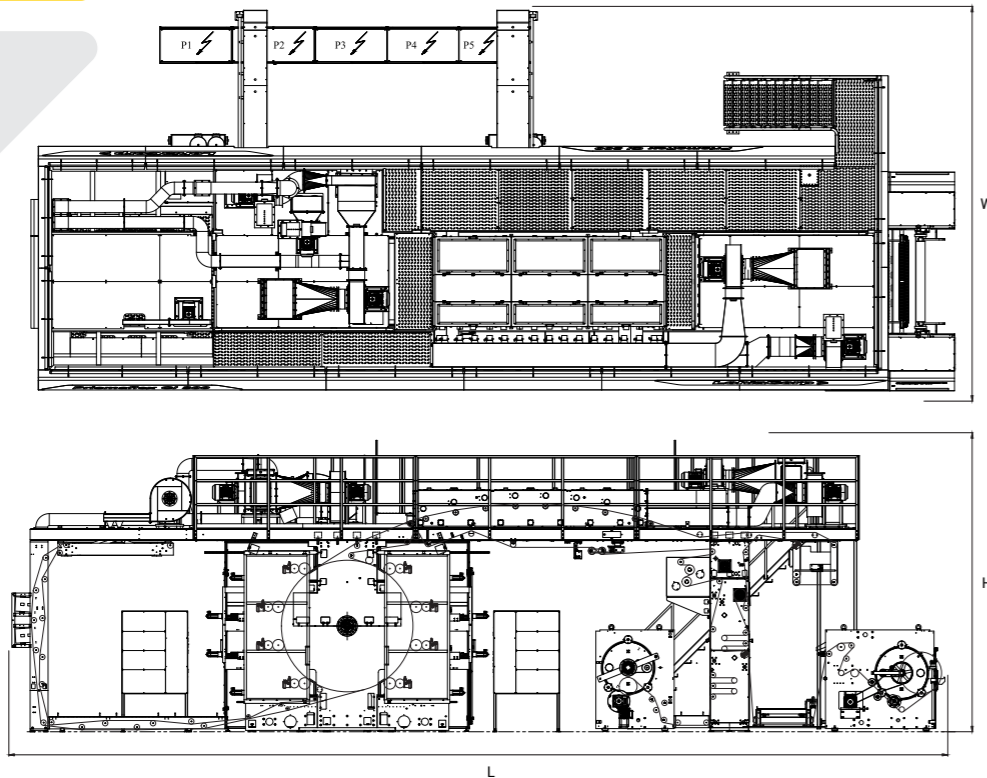


Prismaflex CI

flexographic printing machine



Prismaflex CI

flexographic printing machine

- Precise Print Registration
- Smart User Interface
- Industry 4.0 Ready
- Reliable Press Design

	Prismaflex CI 300 - 8C	Prismaflex CI 500 - 8C
Number of Colours	8	8
Max Machine Speed	300 mpm	500 mpm
Material Width	1250 mm	1250 mm
Printing Sleeve Width	1200 mm	1200 mm
Roll Diameter	800 mm	800 mm
Repeat Length	340 - 1050 mm	340 - 1050 mm
Dimensions (L x W x H)	15.7 x 6.6 x 5 m	15.7 x 6.6 x 5 m
Print Substrate	Film (PE, LDPE, BoPP, PET), Aluminium Foil, Paper & PP Woven Fabric	

* Depending on type of ink, fabric, print.

Specifications are subject to change without prior notice, due to continuous developments. These are indicative and not binding. Extreme values indicated are not achievable simultaneously. The pictures may show optional equipments that are not a part of the standard supply. For details, refer to the quotation.

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Prismaflex CI

flexographic printing machine

Designed for high quality flexographic printing on Film, Paper, Aluminium Foil and PP woven substrate up to 8 colours



Photo shows single side printing in operation

Max Machine Speed
500 m/min*

Printing Sleeve Width
1200 mm

Number of Colours
Upto 8 colours#

Print Repeat Length
340 to 1050 mm

Smart Machine

Precise parameters recall for repeating job work

IoT enabled machine for smart monitoring of production, OEE utilization, efficiency and many more

Superior Print Quality

High precision servo drives at each print station ensures registration to the scale of microns

Superior drying with dedicated blowers for inter-station and intrastation ensure optimum drying at high speed

High precision double walled, water cooled Central Drum extremely critical for sophisticated handling of thin substrate with perfection

European make critical components including but not limited to - Central Drum, Inking systems, Chambered Doctor Blade assembly etc

Quick Job Changeover

Auto Removal for Stereo sleeves and Anilox sleeves enhance flexibility in operation for multiple job runs

Pneumatic Pumps with Auto Wash for faster job change

Ease of Operation

Intuitive HMI with simplified controls

Tool free changeover of Chambered Doctor Blades

Easy pressure adjustment at print station on the go with a smart device

Automatic Registration Control with user friendly HMI based on feedback from web-view camera

Turret Unwinder and Rewinder for seamless production even during reel changeovers

Compliant with global safety standards (CE, CSA, NEC and IEC)

Prismaflex CI is a Central Impression type flexographic printing press especially designed for both film and woven substrate with flexibility of operation & lean inventory. Being gearless and equipped with high performance drives ensures delivery of best-in-class print precision to meet and exceed the expectations from the industry.

Lohia Corp has enhanced this proven & reliable with precise engineering to present future-

ready machine enabled with industry 4.0. It provides a common solution for printing on variety of substrates such as films like PP/HDPE/LLDPE/LDPE, Polyester, Paper and PP woven fabric for multiple application in one machine.

It also provides flexibility for printing on tubular substrate with a turn-bar strengthening its utility as a holistic solution.

OPTIONAL EQUIPMENTS

- Rewinder for woven substrate
- Turn-bar for tubular substrate
- Slitting Unit
- Viscosity Controller (recommended)
- Web cleaning (recommended)
- Corona Treater (recommended)
- Plate mounting system (recommended)