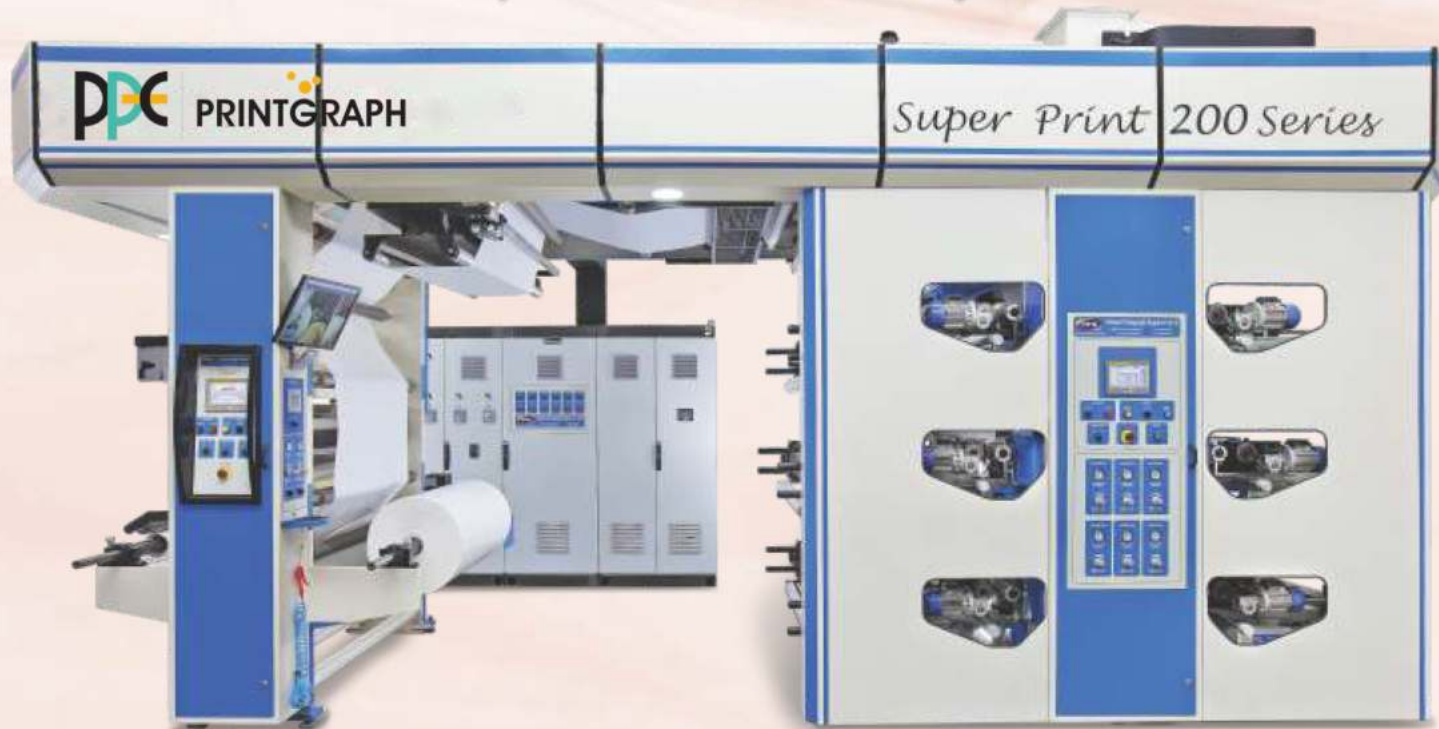


# Perfect Printgraph Engineers LLP.

Manufacturer & Exporter of Flexographic & Allied Printing Machineries.

## HIGH SPEED FLEXO PRINTING PRESS (STACK TYPE)



Sleeve Adaptor for Larger Repeat



Sleeve for Plate Mounting

### Sleeve Technology

Super Print 200 Series

Speed: 150 m.p.m & 200 m.p.m

### DESIGNED FOR :

- 1) Shopping Bags
- 2) Bakery Products
- 3) Food Industries
- 4) Oil & Dairy Industries
- 5) Paper Industries

[www.printgraph.in](http://www.printgraph.in)

### TECHNICAL SPECIFICATION

Type of Machine	: High Speed Flexo Printing Press - Stack Type.
Series	: Super Print 200 Series with Sleeve Technology.
Number of Printing Station	: 4 to 12 Color.
Web Width	: 500 mm to 1500 mm.
Print Width	: 400 mm to 1400 mm.
Printing Repeat	: 300 mm to 800 mm.
Maximum Reel Outer Diameter at Unwind & Rewind Station	: 800 mm
Maximum Reel Weight at Unwind and Rewind Station	: 250 kgs.
Printing Possibilities	: Variable as per no. of color of Machine.
Maximum Printing Speed	: 150 & 200 Meter per minute.
Power Requirement	: Variable as per Machine.
Supply Voltage	: 415 V, 3 Phase, 50 Cycles/sec, 4 wire or as required.
Floor Space Length / Width / Height	: Variable as per machine.
Substrates Printable	: Corona Treated Plastic Films, HMHDPE, HDPE, LLDPE, Polypropylene, Polyester Pearled, Polyester B.O.P.P, Pearled B.O.P.P, Thin Foam Sheets and Aluminium Foils, etc.

\*Due to regular R & D, Specification may undergo minor variations without prior notice.

### BENEFITS OF SLEEVE SYSTEM

- No more heavy Plate Cylinders and Anilox Roll, No Hoist.
- Less change over time between jobs.
- One man for machine change over.
- Job Change over time in 20 minutes.
- Saves Overhead Expenses.
- Promotes Better & Faster Productions.

### FEATURES

- 5 Drive Technology with Asynchronous AC Servo Motor.
- Enclosed Chamber Doctor Blade System: For uniform and controlled ink supply on the Anilox Roll.
- Ceramic Coated Anilox Rolls: Higher mesh laser engraved Anilox Rollers for precise transfer of ink to achieve better & enhanced print quality.
- Motorised Ink Pumps: For controlled circulation of ink between Ink Tank and Chamber Doctor Blade.
- Automatic Viscosity Controller.
- Automatic Tension Control System: Asynchronous AC Servo Motor Drive Technology for precise tension Control and Load Cell feedback control provided on Unwind, Infeed, Outfeed and Rewind Station to maintain uniform tension throughout the entire roll.
- Automatic movement of the printing decks by precise circulating ball screws with motorised advancement.
- Opto Electronic Web Guiding System: Digitally controlled web guiding for precise guiding of web.

- Motorised transversal printing register controlled via PLC.
- Pneumatic System: Provided for continuous rotation of Anilox Rollers & auto lifting of plate cylinders when machine is printing in OFF mode. This prevents drying of inks on the Anilox Roll.
- Human Machine Interface (Touch Screen Controls).
- Fully Digital Web Video System: Web inspection system, equipped with high quality color camera, quick zoom & split screen, mounted on Motorised traverse bar to monitor complete print at all speeds.
- Pneumatic Shaft: Provided on Unwind and Rewind Stations for quick and easy loading and unloading of the parent roll.
- Pneumatically Operated Nip Rollers: To maintain uniform and precise tension at printing, Infeed and oufeed stations.

**Silent and Powerful Drying and Exhaust System.**  
The actual production speed will depend on the type, thickness, quality of the material to be printed, No. of Color, Inks, Photo Polymer Plates, Quality of Inks, Solvents and Operators Skills.

\*\* Depend upon the model.

