2 to 12 Colour Flexo Printing Press  
(Stack Type)

**THE DRYING SYSTEM**

Specially modified and easier to operate Drying System. It can attain maximum temperature. Quick drying. Higher printing speed. The only system of its kind in India.

**FEATURES**

- **Web widths:** 510 mm to 1510 mm
- **Print widths:** 410 mm to 1410 mm
- **Printing Repeats:** 230 mm to 1000 mm
- **Printing Possibilities:** 6+0, 5+1, 4+2, 3+3
- **Printing Speed:** 60 mtrs. / minute maximum
- **Power Requirement:**
  - Main Motor: 5 - HP. AC
  - Blowers: 3-HP. AC & 0.5 - HP. AC
  - Heating Load: 22 kw
- **Floor Space:**
  - Length: 5.5 mtrs.
  - Width: 3 mtrs.
  - Height: 3 mtrs.
- **Weight:** 5,500 kgs (approx)

**OPTIONAL FEATURES**

- Web guide system.
- Tension control system.
- Auto Throw ON - Throw OFF for plate cylinder.
- Continuous rotation of Inking rollers with hydraulic motors.
- Lubrication System.
- Doctor Blade System.
- Ceramics Anilox Rolls.
- Exhaust System.
- Motorised and Synchronised Rewinding stations.

**OUR OTHER RANGE OF PRODUCTS**

- Flexo Printing Press for ZIP LOCK BAGS.
- Flexo Printing Press for WOVEN SACKS (Roll to Roll).
- Flexo Printing Press for NON-WOVEN.

**DESIGNED FOR**

1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.

**FEATURES**

- Forward inching facility (Jogging).
- Auto stop for Web break.
- Temperature controller for heater ensures power saving.
- Individual air controller for each station.
- Control panel with Digital AC drive.
- Impression rollers and Anilox Rollers are dynamically balanced, ground and hard chrome plated.
- Helical gears for reduced play, smooth movement and long life.
- Silent and powerful drying system.
- Manual Registration Adjustments:
  - Horizontal: + / - 15 mm with locking.
  - Vertical: + / - 15 mm.

**OUR OTHER RANGE OF PRODUCTS**

- Flexo Printing Press for ZIP LOCK BAGS.
- Flexo Printing Press for WOVEN SACKS (Roll to Roll).
- Flexo Printing Press for NON-WOVEN.

**SUBSTRATES PRINTABLE**


**DEPAINTED FOR**

1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.
Elite Series : 80 m.p.m
Elite Plus Series : 150 m.p.m

DESIGNED FOR
1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.

TECHNICAL SPECIFICATION

| Type of Machine | Flexo Printing Press-Stack Type
| Series           | Elite & Elite Plus
| Printing Speed   | 80 & 150 mpm
| No. of Printing Stations | 4 to 8 Colours
| Web Width        | 500 mm to 1500 mm
| Print Width      | 400 mm to 1400 mm
| Printing Repeat  | 400 mm to 1250 mm
| Printing Possibilities | Variable as per no. of colour of machine
| Power Requirement| Variable as per machine
| Supply Voltage   | 415 V, 3 Phase, 50 cycles/sec, 4 wire or as required
| Floor space      | Variable as per machine
| Length/Width/Height | Variable as per machine
| Substrates Printable | HD/PE, WOVEN FABRIC, PAPER

Due to regular R & D, specifications may undergo minor variations without prior notice.

FEATURES
- **Opto Electronic Web Guiding System**:
  Digitally controlled web guiding for precise guiding of web.
- **Automatic Tension Control System**:
  Load cell feedback control provided on Unwind, Infeed, Outfeed & Rewind Station to maintain uniform tension throughout the entire roll.

INLINE GUSSETING MACHINE:
Inline Turn Table Gusseting System (Offset) to Gusset the fabric, inline after printing with turn table system.

OUR FEATURED PRODUCTS ARE:
- Flexo Printing Press (2 to 12 colors) for
  - Zip Lock Bags
  - Paper
  - Non Woven Sack
  - Plastic (LD, LLDPE, PP, HM, HDPE)
- After Printing Gusseting Machine (Twister / Turn Table Type)
- Allied Packaging Machineries

DESIGNED FOR
1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.

FEATURES
- Simplex Unwind Station Equipped with Automatic Tension Control System.
- Pneumatically Operated Marriage Roll System.
- Simplex Rewind Station Equipped with Automatic Tension Control System.
- 5 Motor Drive Tension Control System.
- Programmable Digital Ac Drives.
- Hydraulic Lift off/on of Printing Cylinders.
- Continuous Rotation of Anilox Roll Drives by Hydraulic Motors.
- Chambered Doctor Blade System.
- Ceramic Anilox Rolls.
- Silent and Powerful Drying and Exhaust System.

Silent and Powerful Drying and Exhaust System.

DESIGNED FOR
1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.

FEATURES
- Simplex Unwind Station Equipped with Automatic Tension Control System.
- Pneumatically Operated Marriage Roll System.
- Simplex Rewind Station Equipped with Automatic Tension Control System.
- 5 Motor Drive Tension Control System.
- Programmable Digital Ac Drives.
- Hydraulic Lift off/on of Printing Cylinders.
- Continuous Rotation of Anilox Roll Drives by Hydraulic Motors.
- Chambered Doctor Blade System.
- Ceramic Anilox Rolls.
- Silent and Powerful Drying and Exhaust System.
Flexo Printing Press

Elite Double Track Series
Speed: 80 meter per minute - Mechanical
Speed: 70 meter per minute - Printing

TECHNICAL SPECIFICATION

Type of Machine : Flexo Printing Press.
Series : Double Track Series
Number of Printing Station : 2 to 8 Color.
Web Width : 500mm to 1500mm (250mm + 250mm to 750mm + 750mm).
Print Width : 400mm to 1400mm (200mm + 200mm to 700mm + 700mm).
Printing Repeat : 350mm to 800mm.
Maximum Reel Outer Diameter at Unwind & Rewind Station : 800mm
Maximum Reel Weight at Unwind & Rewind Station : 250 kgs.
Printing Possibilities : Variable as per no of color of Machine.
Mechanical Speed : 80 Meter per minute.
Printing Speed : 70 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 : LD, LLDPE, HM, HDPE, P.P – EXTRUDED PLASTIC FILMS.

FEATURES OF THE MACHINES :

- 4 Motor Drive Technology
- Opto Electronic Web Guiding System : Digitally controlled web guiding for precise guiding of web
- Automatic Tension Control System : AC Motor Drive Technology for precise tension Control and Load Cell feedback control provided on Unwind, 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.
- Motorised transversal printing tension of register controlled via PLC.
- Human Machine Interface (Touch Screen Controls).
- Pneumatic System : Provided for continuous rotation of inking rollers and auto lifting of plate cylinders when machine is printing in OFF mode. This prevents drying of inks on the Anilox Roll.
- Chamber Doctor Blade System : For uniform and controlled ink supply on the Anilox Roll.
- Ceramic Anilox Rolls : Higher mesh laser engraved Anilox Rollers for precise transfer of ink to achieve better and enhanced print quality.
- Motorised Ink Pump : Air operated pumps for controlled circulation of ink between Ink Tank and Chamber Doctor Blade.
- 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 outfeed stations.
- 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 skill.

** Depend upon the model.
*** Due to regular R & D, Specification may undergo minor variations without prior notice.

DESIGNED FOR
1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.
Super Print Series
Speed: 120 meter per minute - Mechanical
Speed: 100 meter per minute - Printing

FEATURES OF THE MACHINES:
- 5 Asynchronous Servo AC Motor Drive Technology.
- Automatic Tension Control System: Asynchronous Servo AC 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.
- Motorised transversal printing register controlled via PLC.
- Human Machine Interface (Touch Screen Controls).
- Hydraulic System: Provided for continuous rotation of inking rollers and auto lifting of plate cylinders when machine is printing in OFF mode. This prevents drying of inks on the Anilox Roll.
- Chamber Doctor Blade System: For uniform and controlled ink supply on the Anilox Roll.
- Ceramic Anilox Rolls: Higher mesh laser engraved Anilox Rolls for precise transfer of ink to achieve better and enhanced print quality.
- Double Diaphragm Ink Pumps: Air operated pumps for controlled circulation of ink between Ink Tank and Chamber Doctor Blade.
- 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 outfeed stations.
- 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 skill.
** Depend upon the model.
*** Due to regular R & D, Specification may undergo minor variations without prior notice.
Flexo Printing Press For Non Woven Fabric

DESIGNED FOR
1) Grain Industries
2) Carry Bags

TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Type of Machine</th>
<th>Flexo Printing Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Elite &amp; Elite Plus</td>
</tr>
<tr>
<td>Printing Speed</td>
<td>70 mpm / 100 mpm</td>
</tr>
<tr>
<td>No. of Printing Stations</td>
<td>2 to 6 Colours</td>
</tr>
<tr>
<td>Web Width</td>
<td>500 mm to 1500 mm</td>
</tr>
<tr>
<td>Print Width</td>
<td>400 mm to 1400 mm</td>
</tr>
<tr>
<td>Printing Repeat</td>
<td>300 mm to 1250 mm</td>
</tr>
<tr>
<td>Printing Possibilities</td>
<td>Variable as per no. of colour of machine</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>Variable as per machine</td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>415 V, 3 Phase, 50 cycles/sec, 4 wire or as required</td>
</tr>
<tr>
<td>Floor space Length/Width/Height</td>
<td>Variable as per machine</td>
</tr>
<tr>
<td>Substrates Printable</td>
<td>NON WOVEN FABRIC</td>
</tr>
</tbody>
</table>

Due to regular R & D, specifications may undergo minor variations without prior notice.

TECHNICAL SPECIFICATION

- **Opto Electronic Web Guiding System**: Digitally controlled web guiding for precise guiding of web. (Trolley Type)
- **Automatic Tension Control System**: Load cell feedback control provided on Unwind, Infeed, Outfeed & Rewind Station to maintain uniform tension throughout the entire roll.

FEATURES

- Simplex Unwind Station Equipped with Automatic Tension Control System.
- Pneumatically Operated Marriage Roll System.
- Simplex Rewind Station Equipped with Automatic Tension Control System.
- 5 Motor Drive Tension Control System.
- Programmable Digital Ac Drives.
- System to Lift off/on of Printing Cylinders.
- Continuous Rotation of Anilox Roll Drives by Electric Motors.
- Ceramic Anilox Rolls.
- Silent and Powerful Drying and Exhaust System.
- Pneumatic Air Shaft Provided on Unwind and Rewind Stations for quick and easy loading and unloading of the parent roll.
- Motorised Deck for easy movement of Printing Station.
- Online Reading of Unwind and Rewind Roll Diameter.

OUR FEATURED PRODUCTS ARE: Flexo Printing Press (2 to 12 colors) for

- Zip Lock Bags
- Paper
- Woven Sack
- Plastic (LD, LLDPE, PP, HM, HDPE)
- After Printing Gussetting Machine (Twister / Turn Table Type)
- Allied Packaging Machineries

Elite Series : 70 m.p.m
Elite Plus Series : 100 m.p.m
High Speed Flexographic Printing Press  
(Super Print Series)

**DESIGNED FOR**
1. Shopping Bags.
2. Carry Bags.
4. Food Industries.
5. Oil & Milk Industries.

**TECHNICAL SPECIFICATION**
- **Type of Machine**: High Speed Flexo Printing Press - Stack Type.
- **Series**: Super Print Series
- **Number of Printing Station**: 4 to 12 Color.
- **Web Width**: 500mm to 1500mm.
- **Print Width**: 400mm to 1400mm.
- **Printing Repeat**: 300mm to 800mm.
- **Maximum Reel Outer Diameter at Unwind & Rewind Station**: 600mm
- **Maximum Reel Weight at Unwind & Rewind Station**: 150 kgs.
- **Printing Possibilities**: Variable as per no of color of Machine.
- **Mechanical Speed**: 120 Meter per minute.
- **Printing Speed**: 100 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**: LD, LLDPE, HM HDPE, POLYPROPYLENE, POLYSTER, PEARLISED POLYSTER, B.O.P.P, PEARLISED B.O.P.P, THIN FOAM SHEETS, PAPER AND LAMINATED ALUMINIUM FOILS ETC.

**FEATURES OF THE MACHINES:**
- Compact Design
- 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 and enhanced print quality.
- Motorised Ink Pumps: for controlled circulation of ink between Ink Tank and Chamber Doctor Blade.
- Automatic Tension Control System: Asynchronous Servo AC 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 inking rollers and 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).
- 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 outfeed stations. 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 skill.
- Silent and Powerful Drying and Exhaust System.

**All you want is here....**
We understand your needs, it will prove by it's deeds.