



Star Flex
INTERNATIONAL

QUALITY THROUGH CREATIVITY



Flexographic Printing Machine {Ultimate Flexo}

"SUPER HIGH SPEED STACK TYPE"
AUTO ROLL CHANGING

42

Years of Experience

**FLEXO
PRINTING**

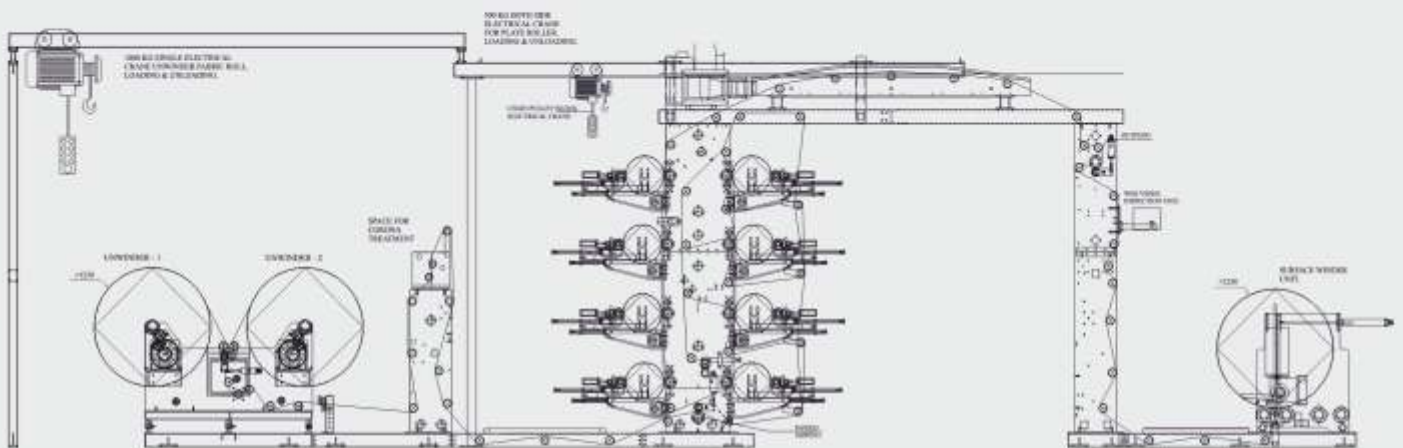
Flexographic (Woven Sack) Printing Machine

ULTIMATE FLEXO

"SUPER HIGH SPEED STACK TYPE"



"Auto Roll Changing"



Machine Specification

Length : 51
Width : 7.5
Height : 14.5

Floor Layout

Length : 55
Width : 10
Height : 16.5

General Layout

For the 8 colours Woven Sack Flexo
Printing Machine Max Width : 800mm

WHAT YOU CAN PRINT

- BOPP Bags
- Rice Bags
- Cement Bags
- Fertilizer Bags
- Flour Bags
- Sugar Bags
- Multicolour Special Printing
- Laminated or Un-Laminated
- PP, LD, HM Photogenic Bags

Specifications

- **Web Tension Control** by using closed loop controlled drives/motor with load cell for tension feedback.
- **Dual Station Unwinder** this unit has provision for two rolls mounted on shafts for alternate use to enable continuous operation, minimize waste and delivery consistent quality.
- **Splicer Unit** facilitates semi-automatic roll splicing in the unwinder.
- **Constant Unwinding Tension** The load cell and braking system ensures constant unwinding tension of the fabric.
- **PLC Base Synchronised Drive System.**
- **Edge Guiding System** for precise alignment of the web - E.P.C.
- **In-feed System** for pulling the substrate from unwinding station and simultaneously maintaining required set tension between printing zones for proper registration.
- **Out-feed System** for pulling the substrate from last printing station and simultaneously maintaining required set tension.
- **Re-wind station** for allowing splicing of fabric roll for continuous / non-stop operation. Shafts are used for holding the fabric roll.
- **Drying Chamber** is provided at the top for deep drying of fabric.
- **Printing Possibilities** 8+0, 7+1, 6+2, 5+3, 4+4



Optional Equipments

- Chambered Doctor Blade
- Ceramic Anilox Roller
- Ink Pumps for continuous rotation of inks
- Additional plate cylinder for desired print repeat lengths.
- Web video inspection system - One or both side of the fabric.
- Corona System - for better adhesion of the ink on substrate.
- Pneumatic shafts for unwinder and rewinder.
- Gearless Servo Driven (ELS)



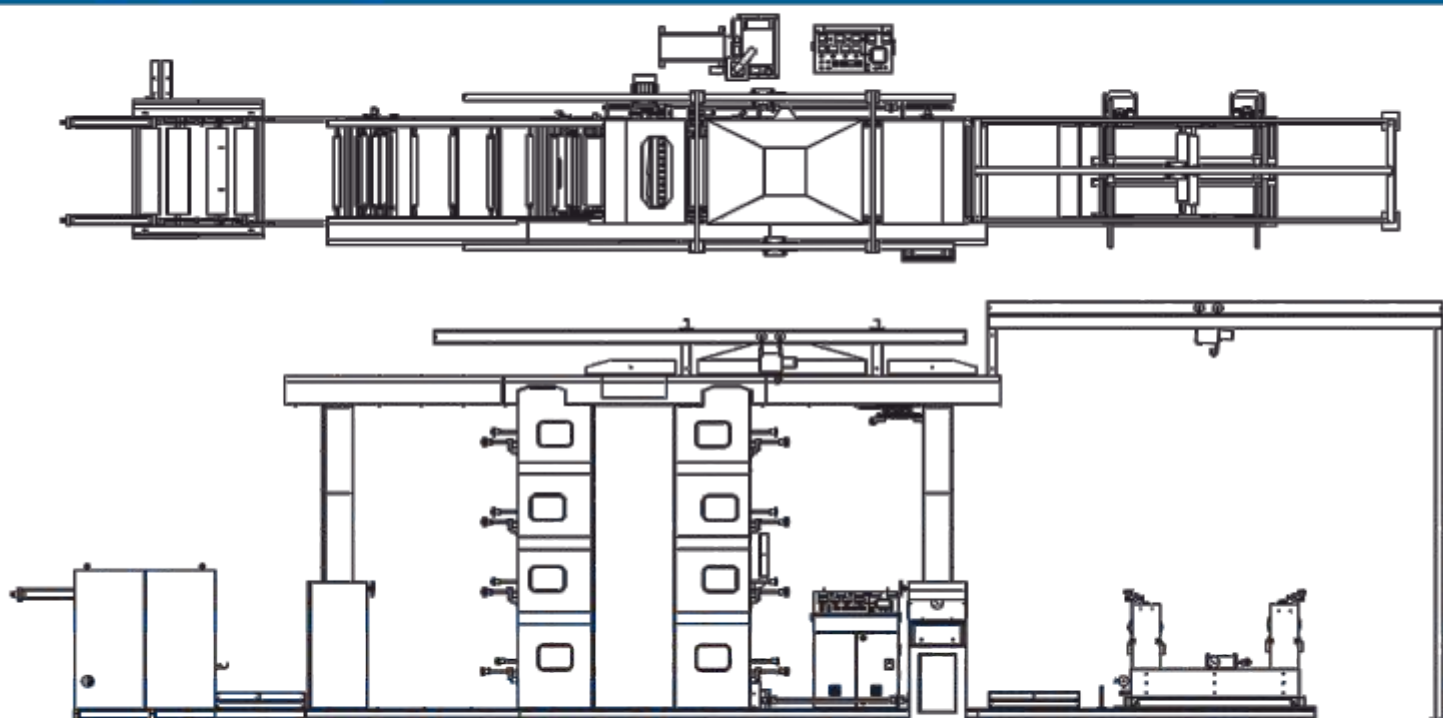
Star Flex International Flexo Printing Machine

- Available in 4, 6 & 8 colours options.
- Suitable for PP/HDPE Woven Fabric.
- Distinctively designed and precisely machined.
- Equipped with new generation electronics.
- This machine maintains accuracy over a long and dependable life and ensures optimum performance.



STAR FLEX

Flexographic Printing Machine (ARC Model)



STAR FLEX ARC - 800

No. of Colours	- 8 Colours
Printing Possibilities	- 8+0, 7+1, 6+2, 5+3, 4+4
Roll Diameter (Unwinder) max.	- 1200 mm
Roll Diameter (Rewinder) max.	- 1200 mm
Fabric Width (max.)	- 810 mm
Repeat Length	- 330 mm to 1300 mm
Mechanical Speed (max.)	- 140 mpm
Dimensions (L x W x H) Fts.	- 51 x 7.5 x 14.5 fts

*Printing Substrates- : HDPE/PP, WOVEN SACK, PE, BOPP, HM, LD/LDPE, Bio-Degradable Plastic & NON-WOVEN SPUN BOUND etc.



ISO 9001 : 2015 Certified
Quality Through Creativity

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