



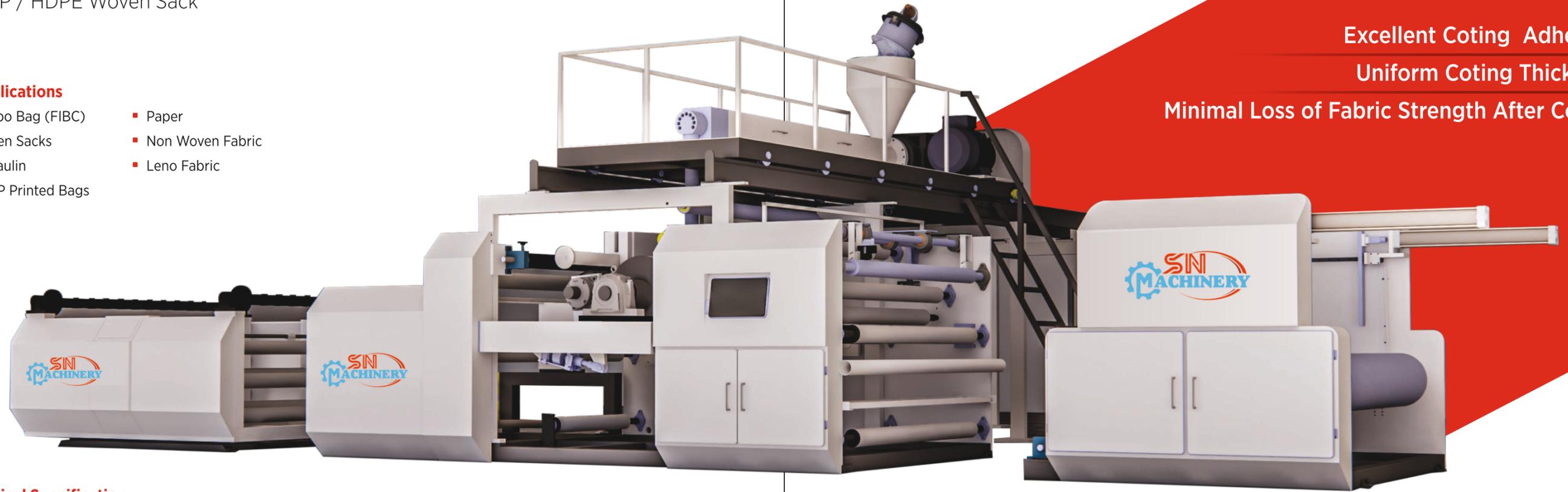
WOVEN SACKS BAG
MAKING MACHINERY

Extrusion Coating & Lamination Plant

for PP / HDPE Woven Sack

Applications

- Jumbo Bag (FIBC)
- Paper
- Woven Sacks
- Non Woven Fabric
- Tarpaulin
- Leno Fabric
- BOPP Printed Bags



Excellent Coating Adhesion
Uniform Coating Thickness
Minimal Loss of Fabric Strength After Coating

Technical Specification :

SPECIFICATION	SNL 75/1500	SNL 75/1700	SNL 80/1800	SNL 80/2000
Screw Dia (MM)	75	75	80	80
L/D Ratio	30:1	30:1	30:1	30:1
Die Width (MM)	1500	1700	1800	2000
Maximum Coating Width (MM)	1300	1500	1600	1800
Minimum Coating Width (MM)	650	800	900	1050
Coating Thickness (Micron)	20 - 80	20 - 80	20 - 80	20 - 80
Output (KG/Hr.)	150	150	200	200
Max. Line Speed (M.P.M.)	125	125	125	125

SPECIFICATION	SNL 90/2400	SNL 100/2700	SNL 100/3000	SNL 105/3300
Screw Dia (MM)	90	100	100	105
L/D Ratio	30:1	30:1	30:1	30:1
Die Width (MM)	2400	2700	3000	3300
Maximum Coating Width (MM)	2200	2500	2800	3100
Minimum Coating Width (MM)	1400	1600	1800	2100
Coating Thickness (Micron)	20 - 80	20 - 80	20 - 80	20 - 80
Output (KG/Hr.)	250	275	275	300
Max. Line Speed (M.P.M.)	125	125	125	125

Machine are Equipped With :

- Hopper Loader
- Granule Mixer
- Hydraulic Screen Changer
- Ac Motors With Drives
- Hydraulic/Electronic Web Aligner
- Pneumatic Break For Unwinder Unit
- Smart Touch Screen HMI With Online Access
- Trim Blower
- Mirror Finish Chilled Roller
- PLC Control System
- Auto Tension Controller
- Corona Treater
- Air Shaft
- Imported Die with Adjustable Internal Dackling System

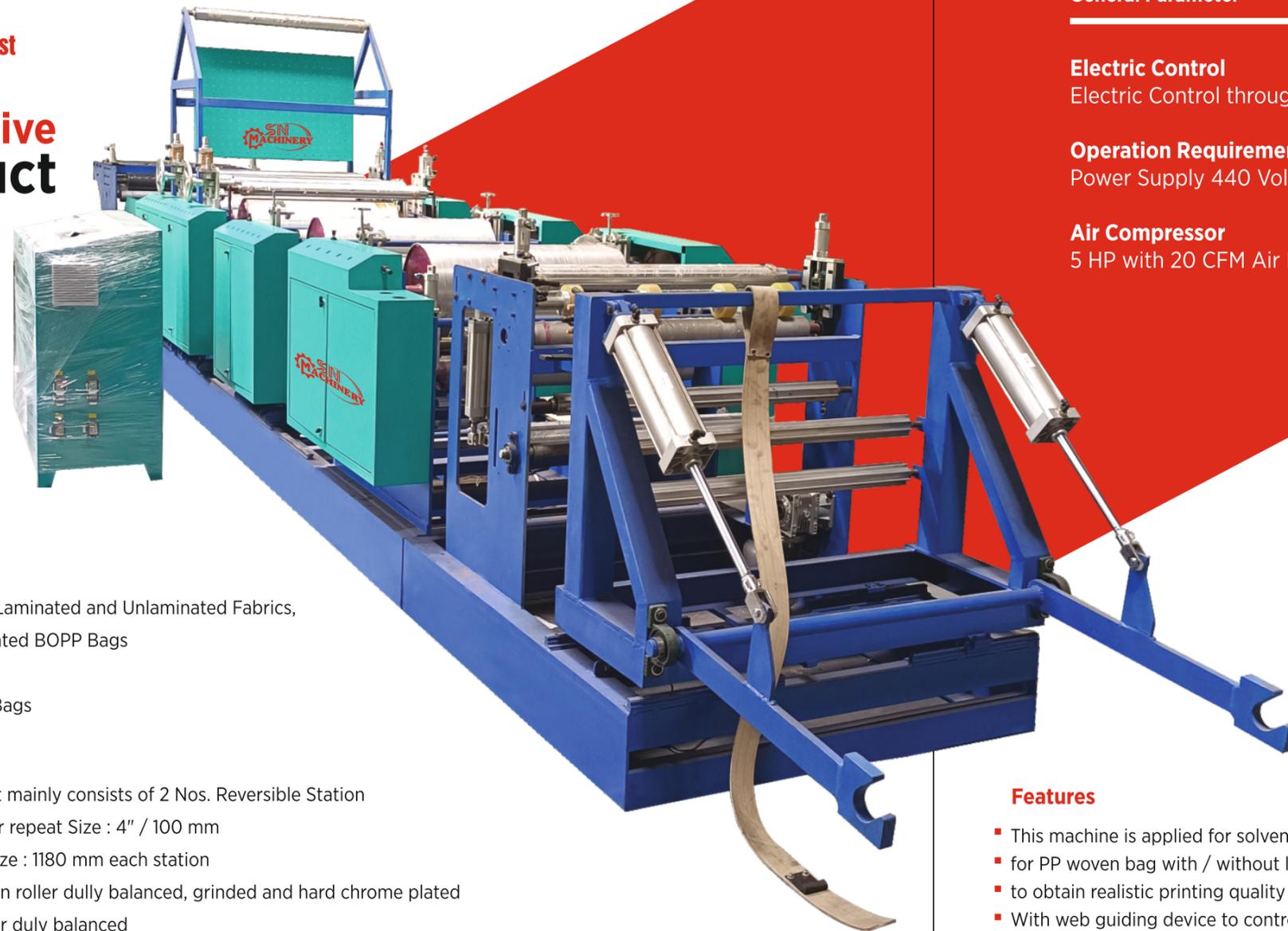
Optional Equipments :

- Sandwich Unwinder
- Front & Back Matching System
- Pre Heating Attachment For Fabric
- 4/6 Station Gravimetric Dosing & Mixing Unit
- Trim Recycling System With Hopper mixer
- Corona Treter

Roll to Roll Flexographic Printing Machine Without Change Cylinder

for PP / HDPE Woven Sack, Jambo FIBC Fabric

India's **1st**
Innovative
Product



Applications

- PP / HDPE Bags Laminated and Unlaminated Fabrics,
- One Side Pre-Printed BOPP Bags
- Fertilizer Bags
- Cement / Sugar Bags

Printing Unit

- Each Printing unit mainly consists of 2 Nos. Reversible Station
- Minimum Cylinder repeat Size : 4" / 100 mm
- Cylinder repeat size : 1180 mm each station
- 1 No. of Impression roller dully balanced, grinded and hard chrome plated
- 1 No. Rubber roller duly balanced
- 1 No. Anilox roller duly balanced functioning of machine shaft winding system

Type	Speed	Printing Possibility	Connecting Load	Dimension (LWH) Ft.
2 Colour	60/75 Mtr/Min.	2+0, 1+1	10 HP / 7.5 KW	25 x 5 x 5
3 Colour	60/75 Mtr/Min.	3+0, 2+1	15 HP / 11.5 KW	30 x 5 x 5
4 Colour	60/75 Mtr/Min.	4+0, 3+1, 2+2	25 HP / 18.5 KW	35 x 5 x 5
5 Colour	60/75 Mtr/Min.	5+0, 4+1, 3+2	30 HP / 22.5 KW	40 x 5 x 5
6 Colour	60/75 Mtr/Min.	6+0, 5+1, 4+2, 3+3, 2+4	35 HP / 26 KW	45 x 5 x 5
8 Colour	60/75 Mtr/Min.	8+0, 7+1, 6+2, 5+3, 4+4	42 HP / 31.5 KW	50 x 5 x 5

Technical Specifications

General Parameter

Electric Control

Electric Control through servo motors & inventors along with Touch Screen

Operation Requirement

Power Supply 440 Volts, + Phase + neutral

Air Compressor

5 HP with 20 CFM Air Dryer

Technical Specification

Fabric Width Max	36' / 914.40 mm
Print Width Max	34' / 863.60 mm
Repeat Length Max	As Per Requirement 2 Meter
Stereo (Photopolymer) Thickness	Minimum 3 mm, Maximum 8 mm
Max Working Speed	60/70 Bags Per Min
Machine Types	Two to Six Colour Made Up, Eight Colour Customers Requirement

Features

- This machine is applied for solvent - based and direct printing method
- for PP woven bag with / without lamination, available for CMYK colour combination
- to obtain realistic printing quality enhance packing value.
- With web guiding device to control edge position.
- Fully digitalized control setting on friendly human machine interface (HMI)
- Full body cover
- Machine power on and off controlled by HMI
- Double side dried by automatic constant temperature oven.
- Automatic feeding
- One time printing on two sides, accurate colour registration.
- PLC centralized control touch screen to set bag length.
- Colour mark tracking is suitable for reserve printing printed woven bags
- Start up with smook ink automatically
- Press printing without automatic clutch, no defective products when machine turn on or shutdown
- Frequency conversion control unwinding and unwinding part.
- Machine power on or and off is controlled by remote-control Unit



Automatic Cutting & Stitching Machine

for PP / HDPE, BOPP Woven Fabrics & FIBC Fabrics



Main Features

- Suitable for PP/HDPE/BOPP Woven Sack Bag
- Equipped with Bag Mouth Web Guide System
- Pneumatic Lifting at unwinder to Lift Roll of 350 KG
- Printing mark reading sensor
- Cold cutter for laminated fabric for servo basis
- Single and double folding device
- PLC based electrical control panel with touch screen

Optional Devices

- Zig-Zag Heat Cutter
- Online Centre / Twist Gusset
- Online C & D Punch
- Online Cold Perforation Station and Hitting
- Crape Tape Attachment
- Air Compressor 5 Hp
- Thread: Multifilament 1000 Denier

Technical Specification

Model	BCS
Diameter of unwinding cloth	1300 mm maximum applicable 12-32 Inch adjustable
Width of Unwinding Cloth	19-55 Inch adjustable
Cutting Length Production Output	32-40 Bag /Min depend upon Bag Size
Print Mark Sensor	Precise cutting of Printed Roll
Length Accuracy	+/- 1 mm
Folding Device	Single Folder Attachment
Sewing Unit	2800 RPM, 1 HP
Hot Cutting (Un Laminated / Leno Bag)	High Quality alloy Steel Cutter with Tubular Heater
Cold Cutting (Laminated / BOPP Bag)	High Speed Servo Motor Basis
Connected Load	15 HP
Dimension	20 x 17 x 5 Feet
Machine Net Weight	2700 Kg



Cutting Unit

Driven Motor	2 KW Servo Motor
Feeding Speed	Synchronized with production Settings
Bag Mouth Auto Opening	Accurate Bag mouth opening through reversing grip shaft
90° Transfer	Clipper Device for well gripping

Folding, Stitching Unit

Stitching Unit (Double Needle)	High Speed Stitching Machine (Can be customized)
Stitching Range	11-14 mm
Distance Between Two Needles	8.5 mm
Folding Device	Single Fold & Double Fold
Folding Width Sewing Unit	20 to 25 mm Adjustable As Per Customer Requirement

Customize Size are as per Customer's requirement

Automatic Cutting & Stitching Machine With Online (Twist / Centre Gusset Device)

for PP / HDPE, BOPP Woven Fabrics



Main Features

- 3 Servo Motor System
- Accurate Gussetting
- Univerdal Gusset Box
- Web Aligner
- Tension Controller (Manual With Built)

Optional Device

- Online Perforation Station
- Online C & D Punch

Technical Specification

Model Type	BCS with Gusset
Production Output	Hot & Cold Cut
Width of Unwinding Cloth	32-40 Bag /Min depend upon Bag Size
Gusset Type	12-32 Inch adjustable
Gusset Mode	Vertical Type Gusset
Gusset Depth	Twist & Straight Both 1 Inch to 4 Inch
Operating Tube for Gusset	15 Inch to 30 Inch
Connected Load	20 HP
Dimension	26 x 18 x 10 Feet
Machine Net Weight	3500 Kg

** All Features almost same as per Model BCS*

Cutting Machine

for PP / HDPE / BOPP / WOVEN, FIBC FABRICS

Main Features

- Suitable for PP/ HDPE/BOPP Woven Sack Bag
- Equipped with Bag Mouth Web Guide System
- Pneumatic Lifting at unwinder to Lift Roll of 350 KG
- Printing mark reading sensor
- Cold cutter for laminated fabric for servo basis
- PLC based electrical control panel with touch screen

Optional Devices

- Online C & D Punch
- Air Compressor 3 Hp
- Zig-Zag Heat Cutter

Technical Specification

Model	Cutting (Cold & Hot)
Width of Unwinding Cloth	12-32 Inch adjustable
Connected Load	10 HP
Dimension	14 x 07 x 5 Feet
Machine Net Weight	1000 Kg



Fabric Opener Machine

Application

- HDPE, PP Woven Sacks Bag
- FIBC Jumbo Bags
- Tarpaulin
- Width: 30 inch to 50 Inch
- Connection Load: 6HP
- Dimension 10 x 10 x 12 Feet
- Machine Net Weight: 450 Kg.



Roll to Roll Twist Center Gusset Machine

for PP / HDPE / BOPP / WOVEN FABRICS

Technical Specification

Model	Gusset (Center/Twist)
Production Output	55-60 Bag /Min depend
Width of Unwinding Cloth	upon Bag Size
Gusset Type	12-32 Inch adjustable
Gusset Depth	Vertical Type Gusset
Operating Tube for Gusset	1 Inch to 4 Inch
Connected Load	15 Inch to 30 Inch
Dimension	5 HP
Machine Net Weight	13 x 08 x 10 Feet
	800 Kg

Optional Devices

- Online Perforation Station
- Air Compressor 5 Hp



Hydraulic Bale Press Machine

Features

- Bale Press From 10 tons to 200 tons
- Easy to maintain, Economical & Heavy in Structure
- Strict Quality Control

Application

- Application
- HDPE PP Woven Sacks Bag
- FIBC Jumbo Bags Paper Waste
- Cotton
- Coir
- Paddy Wheat Straw
- Pet Bottle
- Metal Aluminum and Tin Scrap



Our Products

- Tape Stretching Plant
- Extrusion Coting & Lamination Plant
- Roll to Roll Flexographic Printing Machine Without Change Cylinder
- Automatic Cutting & Stitching Machine
- Roll to Roll Twist Center Gusset Machine
- Open Winder Machine
- Hydraulic Bale Press Machine

Get in Touch



20, Sankalp Estate, opp. Pavan Estate, Nr. Shrinath Estate,
Bakrol - 382430, Ahmedabad, Gujarat.



snmachinery23@gmail.com



+91 9898807325, 9328462091



www.snmachinery.co.in