

- Woven Sack Industries
- Plastic & Packaging Industries



EXCELLENCE IN ENGINEERING.....

NAVRANG MACHINERY PVT. LTD.
www.navrangmachinery.com

Profile



WE STAND FOR EXCELLENCE – Navrang Machinery Pvt Ltd has a well earned name in Woven Sack Industry & Flexible Packaging Industry since last 25 years. We are engaged in machine manufacturing. As of Today we have excelled our network throughout India and more than 31 Countries across the globe. Passion for quality coupled with our successful business experience & teamwork, No wonder we are one of the leaders in these categories.



Choose better

Our system & machineries are made to please the most demanding customer. They come to you with following features:



Accuracy

Precision is the most critical feature of any of our product and we take utmost Pain in ensuring it. All our Products Perform accurately under the specified conditions.



Range

We have the most extensive range to match almost every requirement and aid in customer self-selection.



Customization

Our force is to offer tailor-made Solutions to companies that have Particular requirements.



Durability

Built to last & operate under tough conditions, every systems & machines come to you with a sufficient warranty period.



After Sale Commitment

Our after sales team work hard to achieve one simple end, Ensure that Production at your end not get disrupted.



Cost Effectiveness

Backward integration in manufacturing, in-house facilities & Proper Planning offers us the flexibility to Price our Products competitively.



Quality Policy

We are committed to ensure customer's satisfaction in totality by supplying materials of higher quality as per their requirements and so strive hard on improving our quality and service and to deliver the best in the larger interest of our community, Society, Country and of our Valued Customers.

The Difference is expertise



Extrusion
Lamination
Plant



Suitable for

- Woven Sacks
- BOPP Printed Bags
- Tarpaulins
- Jumbo Bags (FIBC)
- Paper
- Non Woven Fabric etc...

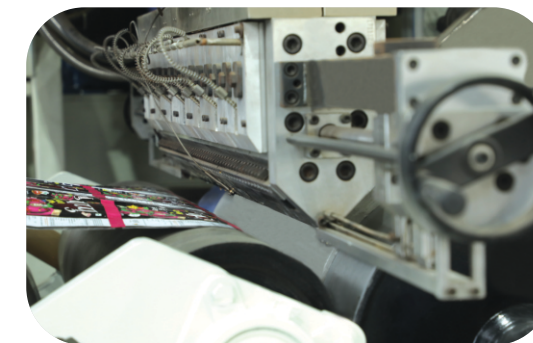
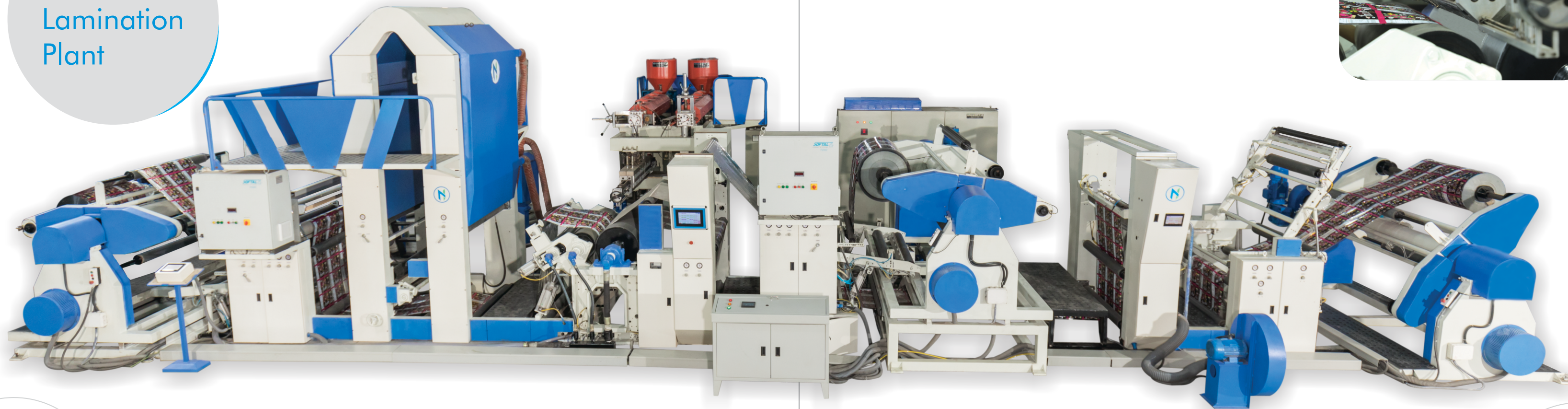
Optional

- Auto Tension Controller
- Sandwich Unwinder
- Front & Back Matching System
- Turn Bar Attachment
- Corona Treater
- Auto Trimmer
- Turret Unwinder

Specification

MODEL	LAMI SACK 1250	LAMI SACK 1650	CHETAK 1650
Screw Dia (mm)	65	75	80
Die Width (mm)	1250	1650	1650
Max. Output (Kg. / Hr.)	90	140	160
Max. Line Speed (Mtr. / Min.)	120	120	150
Connecting Load (Kw)	86	105	125
Dimension in Feet (L x W x H)	35x26x10	38x27x10	40x27x13

Co-Ex
Lamination
Plant



Technical Specifications

- Multi Layer Film Extrusion (AB, ABA)
- Web Width: 600 mm to 1650 mm.
- Primer Coater
- Auto Splicing System
- Turret Unwind & Rewind
- PLC Control System with
- Touch Screen HMI
- Corona Treater

Suitable for

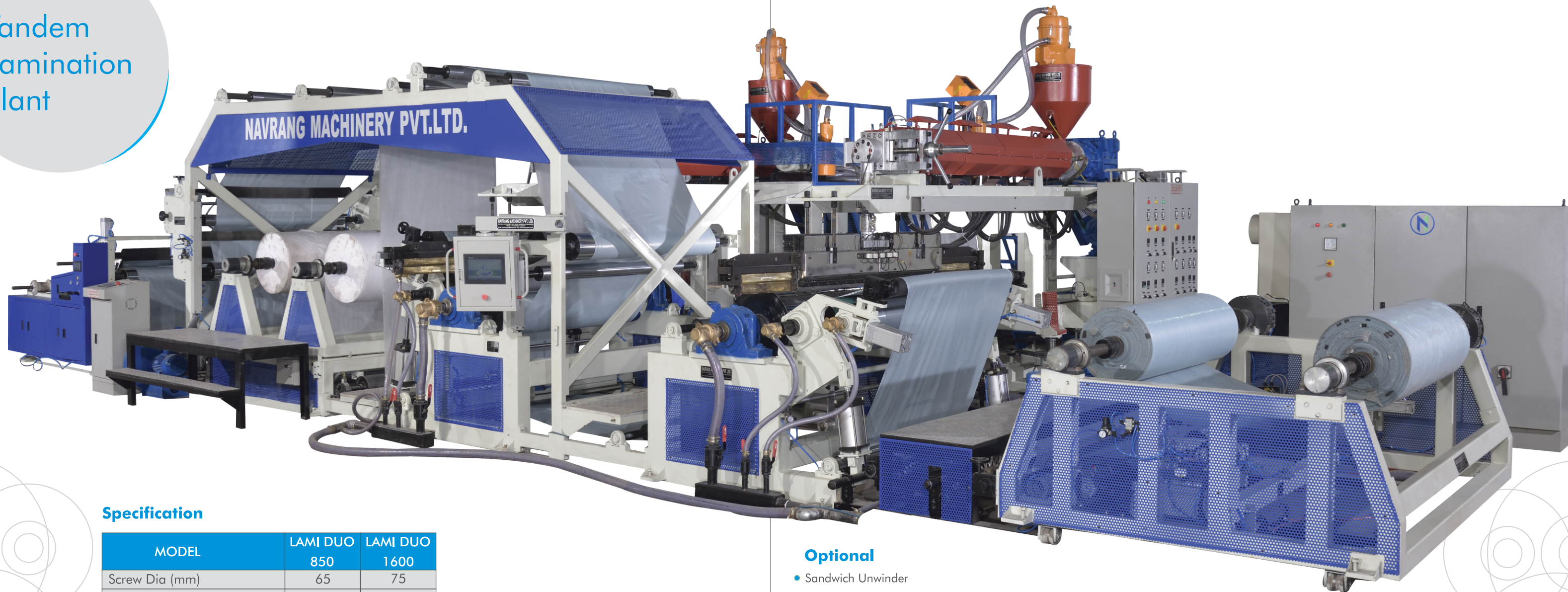
- Four Ply Flexible Packaging for Namkeen & Pouches
- Multi Combination of Substrates like PET, BOPET, MET, PAPER, FOIL etc.
- Biscuits & Many More....

Specifications

Model	Screw Dia	Die Width	Output	Line Speed	Connecting Load	Dimension
LAMID FLEX 1250	65mm+65mm	1250 mm	160 Kg./Hr	200 M/Min*	178 Kw.	70x30x16 Ft. (LXWXH)
LAMID FLEX 1650	75mm+65mm	1500 mm	200 Kg./Hr	250 M/Min*	190 Kw.	70x35x16 Ft. (LXWXH)

*Depending upon the type of Material & Gauge

Tandem
Lamination
Plant



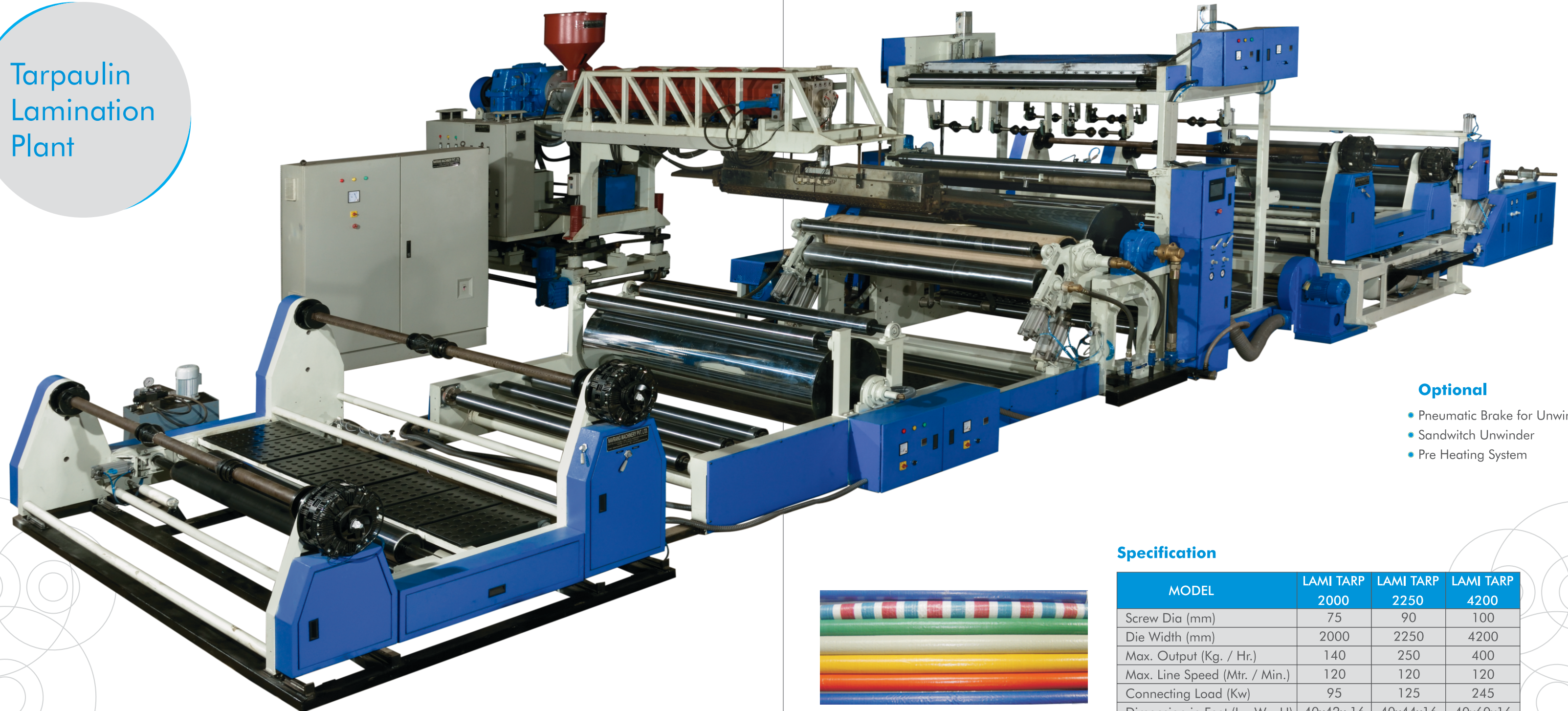
Specification

MODEL	LAMI DUO 850	LAMI DUO 1600
Screw Dia (mm)	65	75
Die Width (mm)	850	1650
Max. Output (Kg. / Hr.)	90	140
Max. Line Speed (Mtr. / Min.)	120	120
Connecting Load (Kw)	135	170
Dimension in Feet (L x W x H)	50x34 x16	50x40x16

Optional

- Sandwich Unwinder
- Tension Control System
- Auto Edge Trimming System
- Corona Treater
- Turret Unwinder
- Front & Back Matching System

Tarpaulin
Lamination
Plant



Optional

- Pneumatic Brake for Unwinder
- Sandwich Unwinder
- Pre Heating System

Specification

MODEL	LAMI TARP 2000	LAMI TARP 2250	LAMI TARP 4200
Screw Dia (mm)	75	90	100
Die Width (mm)	2000	2250	4200
Max. Output (Kg. / Hr.)	140	250	400
Max. Line Speed (Mtr. / Min.)	120	120	120
Connecting Load (Kw)	95	125	245
Dimension in Feet (L x W x H)	40x42x 16	40x44x16	40x60x16



Tarpaulin

Paper (PE)
Coating
Plant



Specifications

MODEL	PE COATING PLANT
	1250
Screw Dia (mm)	65
Die Width (mm)	1250
Max. Output (Kg. / Hr.)	90
Max. Line Speed (Mtr. / Min.)	120
Connecting Load (Kw)	70
Dimension in Feet (L x W x H)	40x36x16

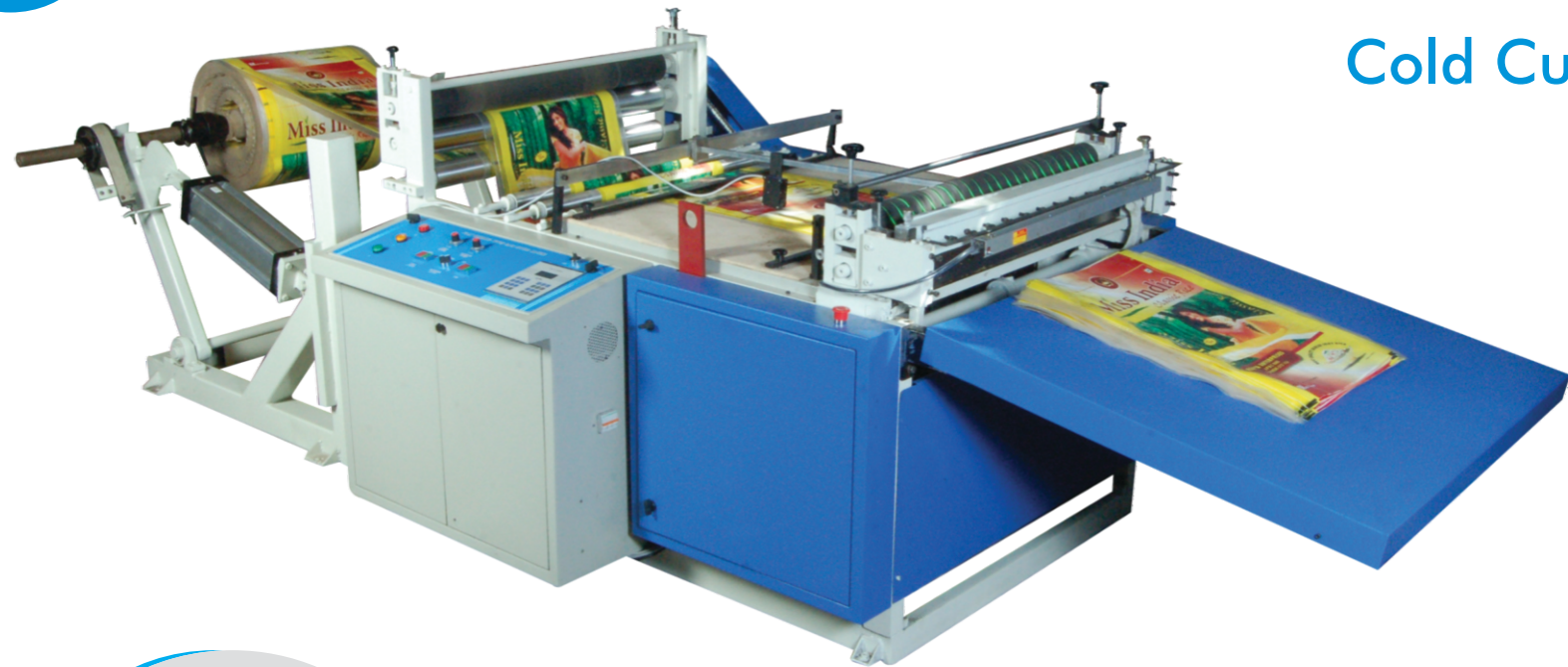
Optional

- Pneumatic Brake for Unwinder
- Corona Treater
- Turret Unwinder
- Auto Poly Edge Trimming System

Wide Width
Lamination
Plant



Cold Cut



Fully Auto Woven Sack Cutting M/c.

Features

- Ideally Suitable for BOPP Bag & Laminated Bag
- High Production Speed
- User Friendly Operation
- Heavy Duty Vibration free Structure
- PLC with touch screen & digital display
- No variation in cut length
- Less man power & space required
- Perfect Counting

Optional

- Pneumatic Unwinder for lifting Rolls
- Online Gusset / Twist Gusset
- Online Perforation
- Photo cell to cut printed laminated bag

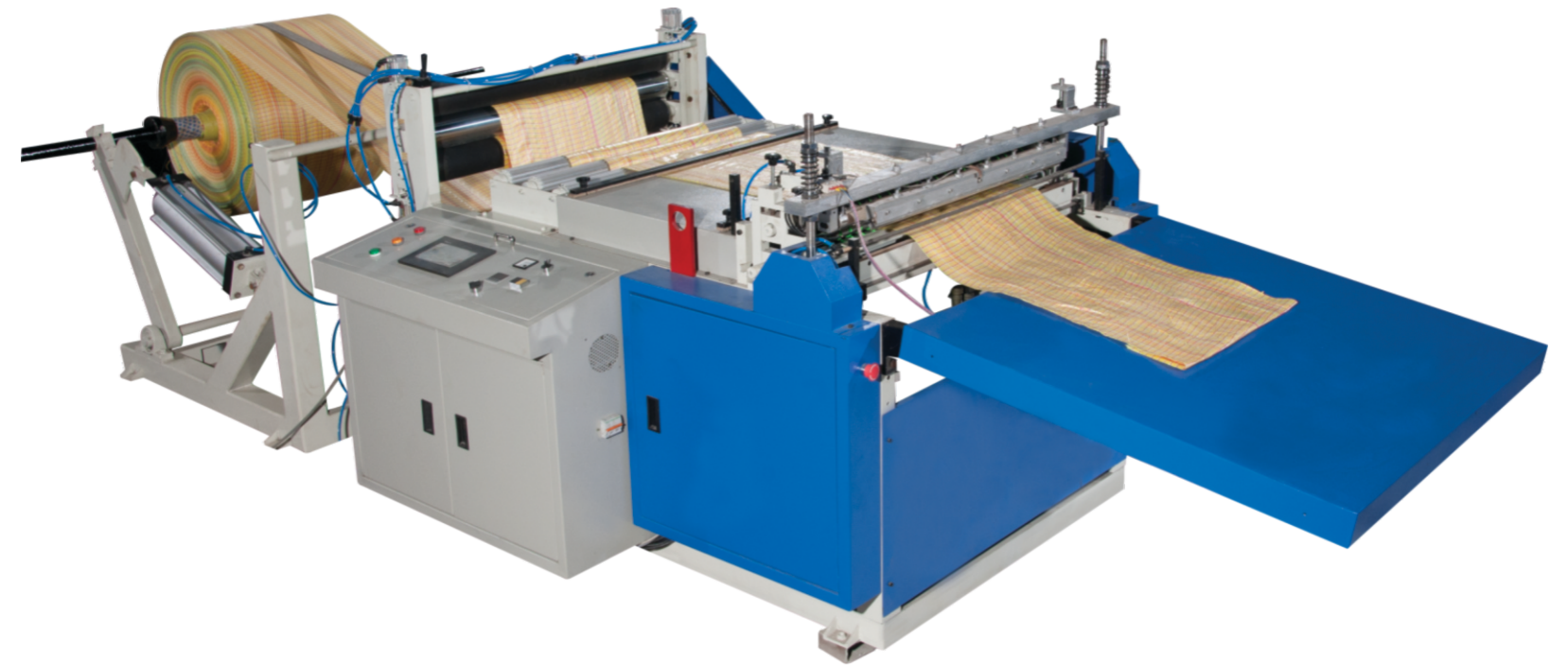
Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
COLD CUT	50-1500	800	55*	5 Kw	A.C	SERVO	3150x1650x1550	1000 Kgs.
JAGUAR	50-1500	800	90*	5 Kw	SERVO	SERVO	3150x1650x1550	1000 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Hot Cut / Combo



Application

- Laminated Woven Sack Cutting (Combo)
- Unlaminated Woven Sack Cutting
- BOPP Printed Bag Cutting (Combo)
- Single Side BOPP Bag Cutting

Advantage

- Fully Automatic
- Less Man Power Requirement
- Easy to Operate
- Perfect Counting

Optional

- Pneumatic Unwinder for lifting rolls
- Photo Cell to cut printed Bag
- Online Gusset / Twist Gusset
- Zig-Zag Cutting
- Online Perforation

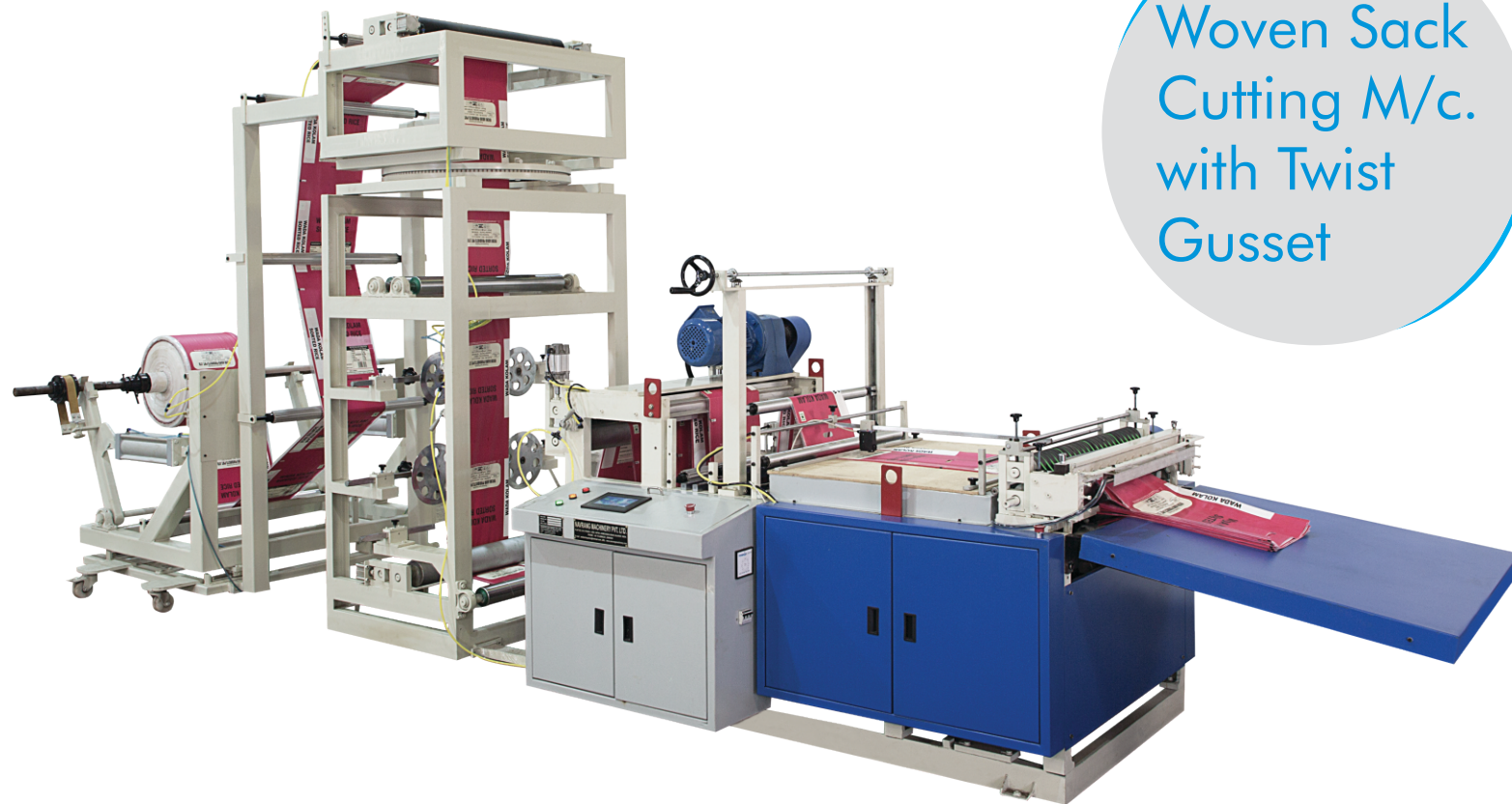
Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
HEAT CUT	300-1200	800	45*	8 Kw	A.C	SERVO	4350x1550x1550	1200 Kgs.
COMBO	300-1200	800	40*	8 Kw	A.C	SERVO	4350x1550x1550	1200 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Woven Sack
Cutting M/c.
with Twist
Gusset



Application

- Laminated Woven Sack Cutting
- BOPP Printed Bag Cutting
- Gusseted Bag Cutting

Includes

- Pneumatic Unwinder for lifting Rolls
- Online Twist Gusset
- Photo cell to cut printed laminated bag

Optional

- Online Perforation
- Online 'D' Punch

Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
JUDWA	50-1500	800	50*	7 Kw	A.C	SERVO	6000x2000x2100	1500Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Twist Gusset
M/c. for
Woven Fabric



Specification

MODEL	LEADER
Width	28"
Size	15" to 28"
Speed	60 mtr / min
Connected Load	3 Kw.
Dimension(mm)	4000x1500x2200(L x W x H)
Weight (Approx.)	1200 Kgs.
Gusset Size	1 to 4"
Unwind Roll Dia	1000 mm
Unwind Roll Weight	500 kgs.
Rewind Roll Weight	250 kgs.
Rewind Roll Dia	1000 mm

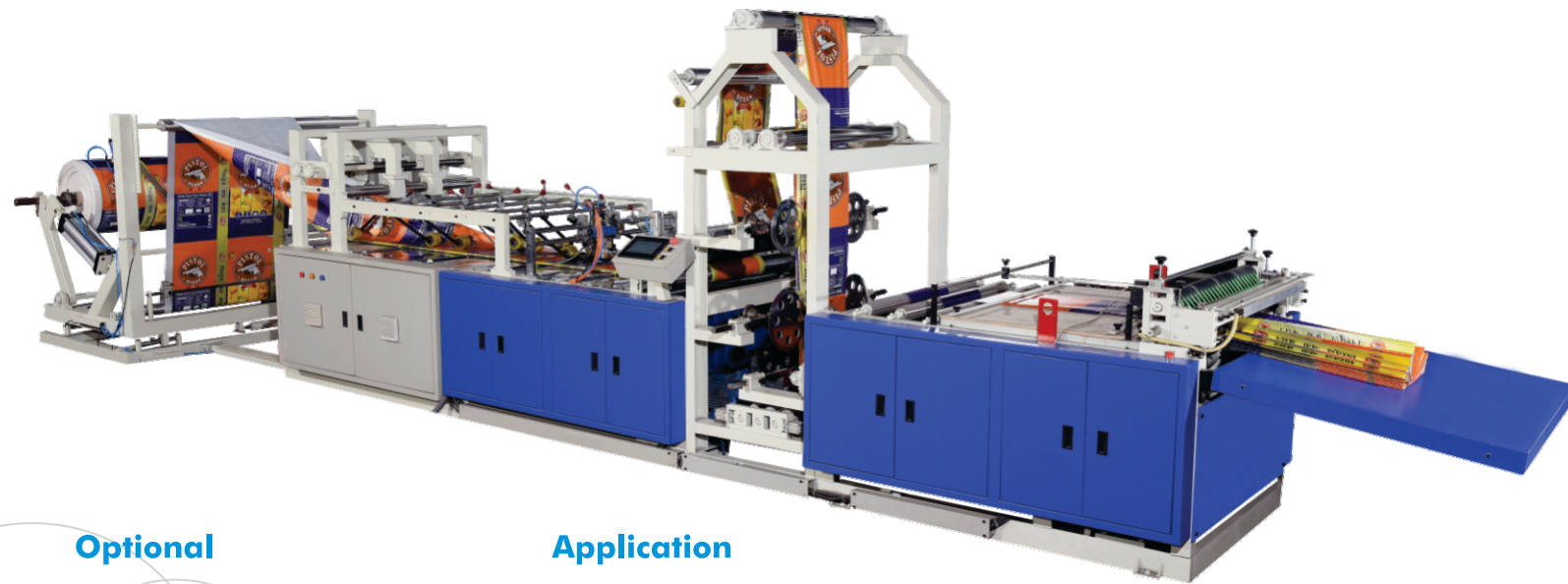
Optional

- Pneumatic Brake for Unwinder
- Online Perforation

Tuber
(Center
Pasting)
Machine



Hot Melt Applicator



Optional

- Tension Controller for Unwinder
- Online D-Punch
- Online Perforation

Application

- BOPP Printed Bag
- Paper Sandwich Bag
- Non-Woven Bag

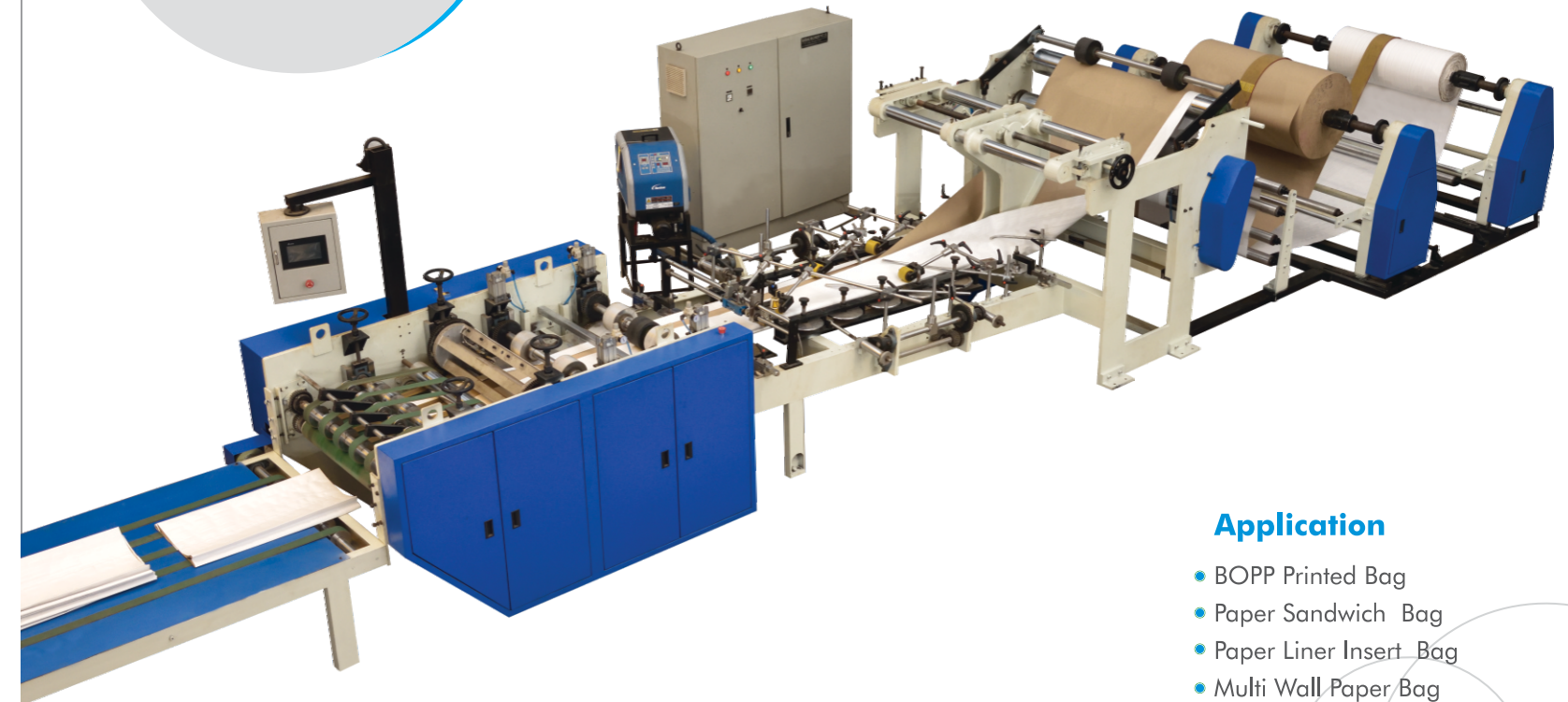
Specifications

Model	Length	Width	Finish Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
BOND	50-1200	1250	600	45*	9 Kw	A.C	SERVO	7500x3000x2700	2000 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Tuber
Machine
with
Paper Liner



Application

- BOPP Printed Bag
- Paper Sandwich Bag
- Paper Liner Insert Bag
- Multi Wall Paper Bag

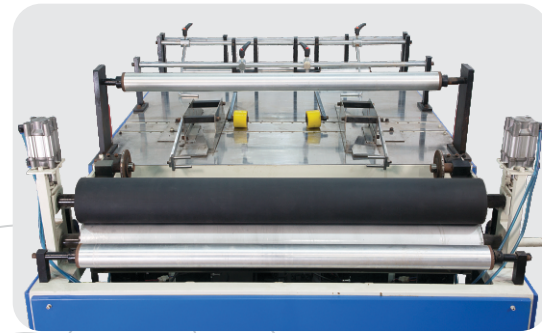
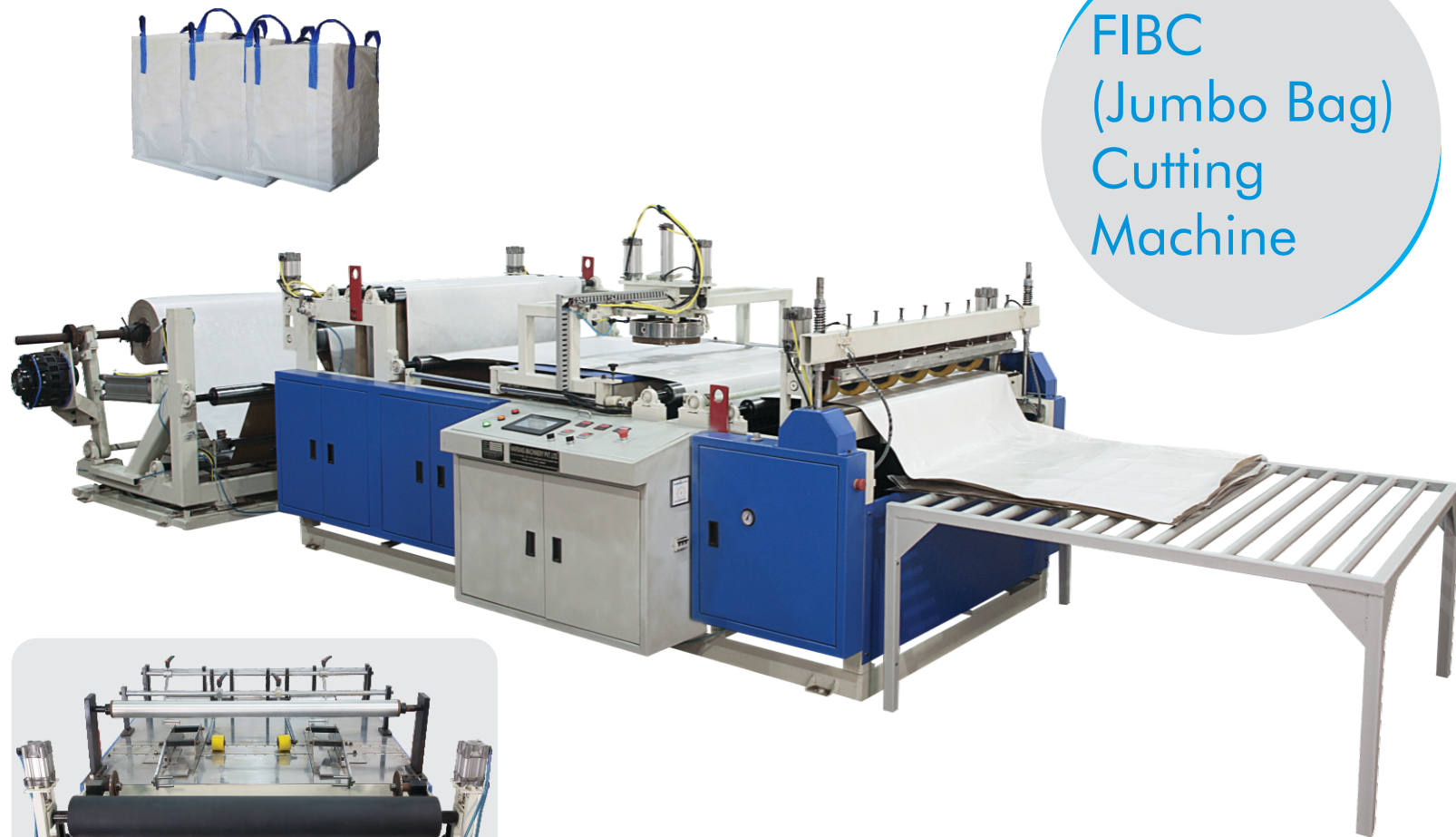
Specifications

Model	Length	Width	Finish Width	Speed mtr./min	Connected Load	All Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
PRIME	400-1200	1250	600	70*	10 Kw	SERVO	PLC	9500x3000x1700	4000 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

FIBC
(Jumbo Bag)
Cutting
Machine



Optional

- EPC for Spout
- Spout
- Two side folder with Ultrasonic Welding & Pneumatic Brake

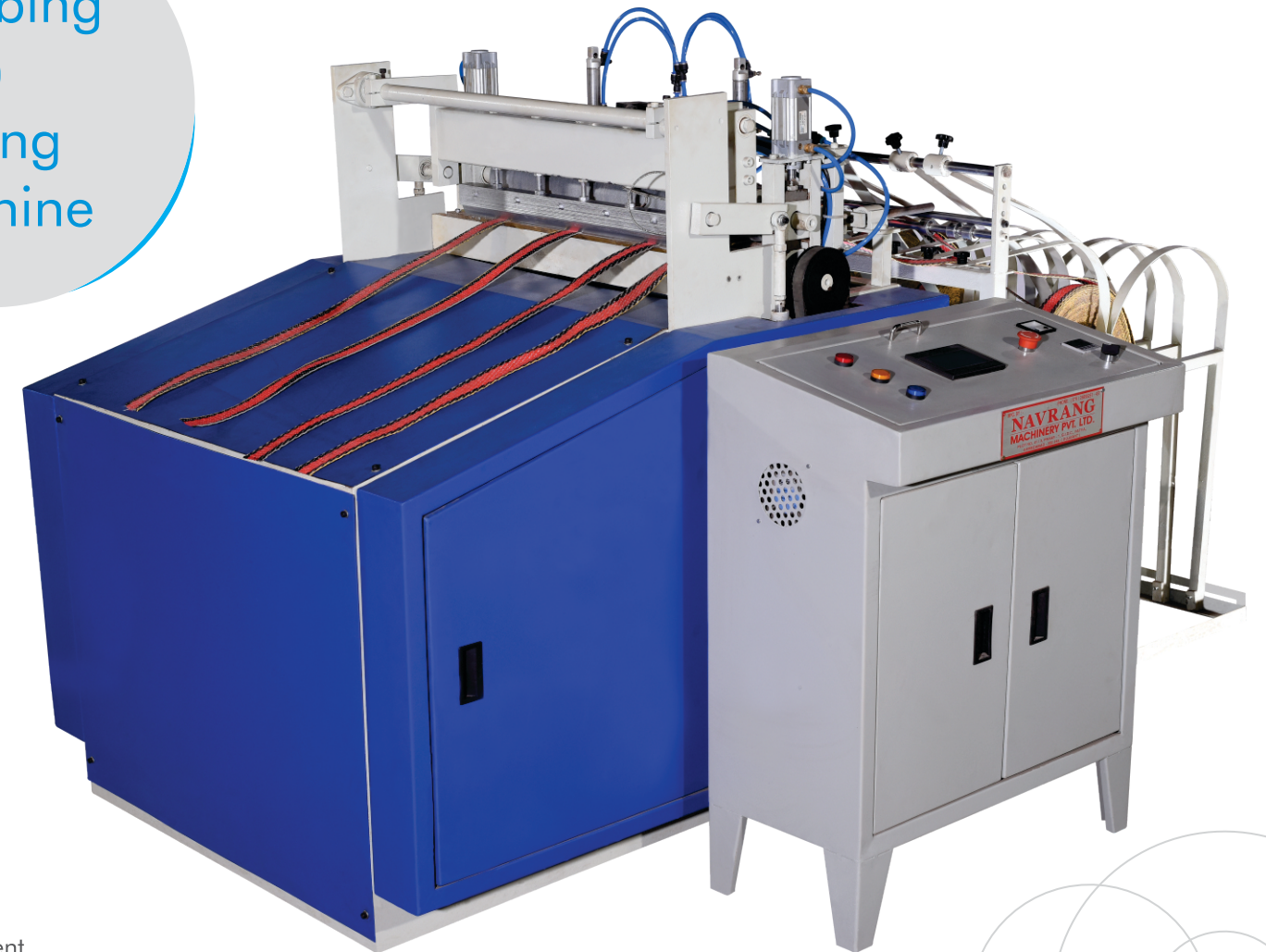
Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
JUMBO-44	500-4000	1200	35*	10 Kw	A.C	SERVO 2Kw	5150x2200x1550	1500 Kgs.
JUMBO-88	500-4000	2200	35*	15 Kw	A.C	SERVO 3Kw	5150x3200x1550	1700 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Webbing
(Belt)
Cutting
Machine



Optional

- Marking Attachment

Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Dimension (L x W x H)	Weight (Approx.)
BELT CUT	500-2500	500	20*	2 Kw	3150x1200x1550	600 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Bottom Seal Bag Making Machine



Specifications

	Spandan : 14	Spandan : 20	Spandan : 24
Max Bag Width (mm)	350	500	610
Max Bag Length (mm)	1000	1000	1000
Production Speed (pcs. / mm)	180*	180*	180*
Connected Load (approx.)	4 Kw	5 Kw	6 Kw
Main Motor	A.C.	A.C.	A.C.
Control System	SERVO	SERVO	SERVO
Dimension in mm (L x W x H)	3150x1200x1550	3150x1300x1550	3150x1400x1550
Weight in kg. (approx.)	600	650	700

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Side Seal Bag Making Machine



Optional

- Folder
- Perforation
- On Line Hole Punch
- On Line 'D' Punch
- Bottom Gusset
- TBS System
- Tape Applicator

Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
SHIV-24	65-1200	600	180*	5 Kw	A.C	SERVO	4350x1500x1600	1100 Kgs.
SHIV-30	65-1200	750	170*	6 Kw	A.C	SERVO	4350x1650x1600	1200 Kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Pouch Making Machine



Optional

- Gusset
- 'D' Pouch
- Hole Punch
- Performance

Specifications

Model	Length	Width	Speed mtr./min	Connected Load	Main Motor	Control System	Dimension (L x W x H)	Weight (Approx.)
ALLIANCE	50-1000	50-450	150*	7 Kw	A.C.	SERVO	6500x1800x1550	1500kgs.

*Depending on type of Material, Gauge & Length of Bag.

· All Dimension in mm

Opener Rewinder Machine



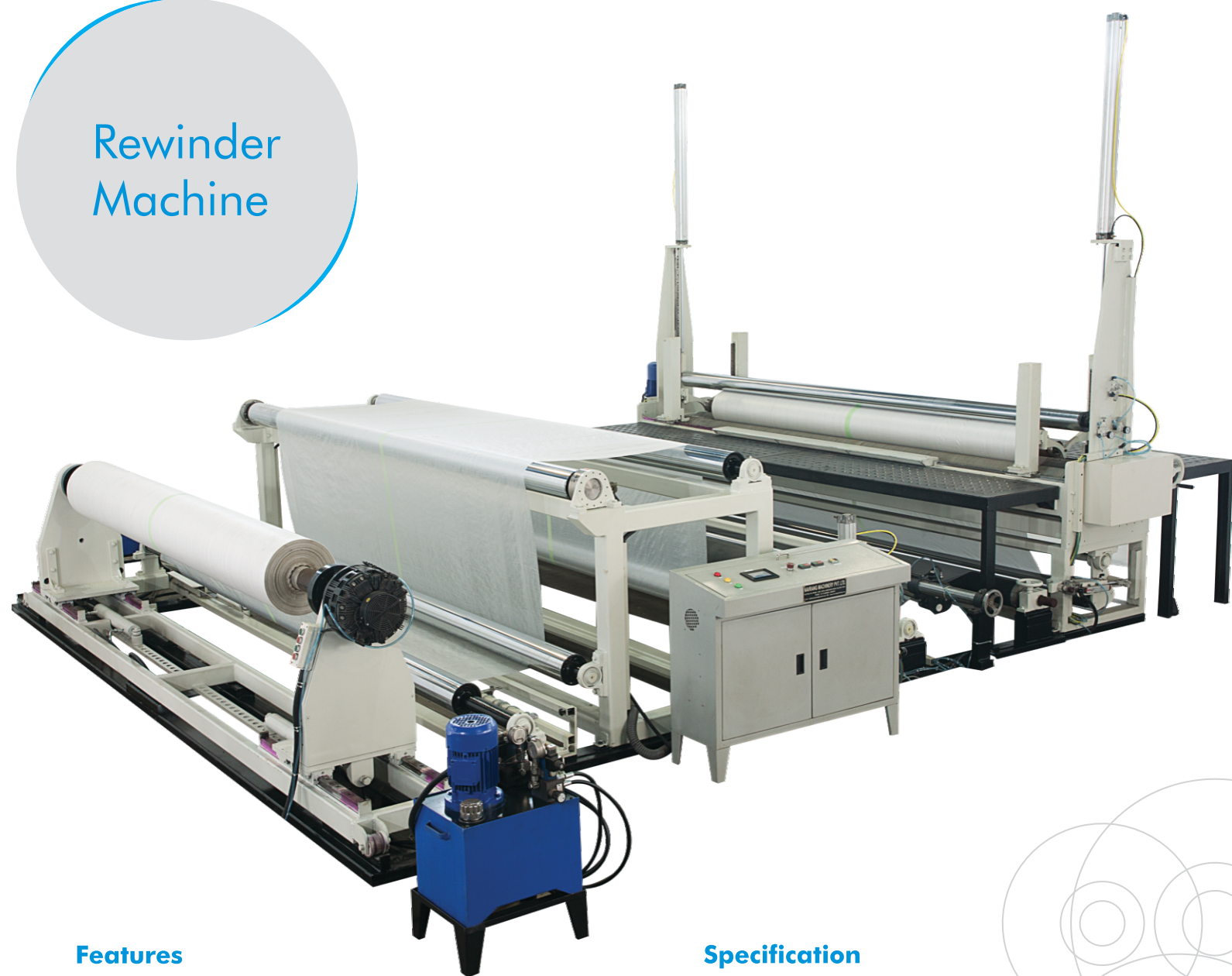
Features

- Unique design to open the fabric
- Ideal for tarpaulin fabric
- Baby rolls can also be made
- Uniform Winding

Specification

Speed	80 mtr. / min.
Unwind Width	4 ft. / 6 ft.
Rewind Width	8 ft. / 12 ft.
Roll Wt.	500 Kgs.
Connected Load	5 Kw.

Rewinder Machine

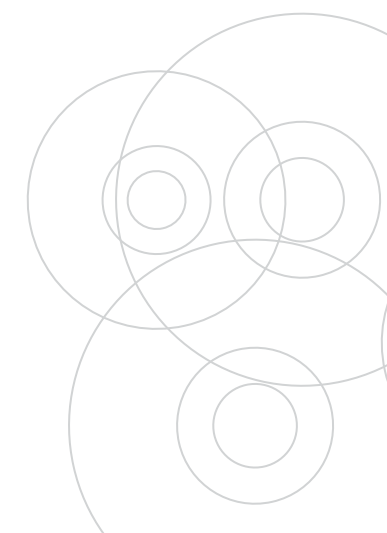


Features

- Web Guide System
- Inspection Facility
- Synchronised System
- Baby rolls can also be made
- Uniform Winding

Specification

Speed	80 mtr. / min.
Unwind Width	1000 mm - 6000 mm
Rewind Width	1000 mm - 6000 mm
Roll Wt.	500 - 2000 Kgs.
Roll Dia	1000 mm





Range of Product

Extrusion Lamination Plant | Woven Sack Cutting Machine | Twist Gusset Machine
Tuber (Center Pasting Machine) | FIBC Cutting Machine | Webbing Cutting Machine
Opener Rewinder Machine | Bottom Cutting & Sealing Machine
Side Seal Bag Making Machine | Pouch Making Machine | Co-Extrusion Lamination Plant



NAVRANG MACHINERY PVT. LTD.

Plot No. 41/3 Phase-1, Road No. T-45, GIDC, Vatva,
Ahmedabad-382445 INDIA.

Phone: +91 79 25890251, 40092967

Email: info@navrangmachinery.com

www.navrangmachinery.com