



**MICROPLAST POLYTEX
INDUSTRIES PVT. LTD.**

(ISO 9001 : 2008 Certified Company)

CIN : U74120MH2013PTC240232

Office : Plot No.2, Ashok Colony, Near Telecom Nagar, Khamla, Nagpur, Maharashtra 440 025 (India).

Factory : Survey No. 248 / 1, Mouza Jam, On Jam Samudrapur Road, Besides MIDC, Taluka: Samudrapur, Dist.: Wardha, Maharashtra 442 305 (India).

Ph.: 07151 - 225696, **Mob. :** +91 9890916981, +91 902169878 **E-mail :** microplastpolytex@yahoo.com, amolshamkule@hotmail.com

COMPANY PROFILE

M/s Microplast Polytex Industries Pvt. Ltd. located at Jamb, taluka Samudrapur, District Wardha, Maharashtra, India is involved in manufacturing of P.P. Woven Sacks, P.P. Woven Fabrics, Industrial Woven Fabrics, P.P. Woven Bags, P.P. Woven valve type bags, P.P. Woven Gusseted bags. The Company is located at a distance of approximately 65 kms from Nagpur. It is a new unit with all the latest machineries which ensure high quality production. There is a growing demand of P.P. Fabric for packing of different products in the field of fertilizers, cement, polymer, sugar, chemicals, textiles, food grains, etc. We have set up this plant to successfully tap the ever increasing demand. Currently we process 300 MT P.P. granules every month which translates to 30 lac bags/month.

The group's well trained and experienced staff and associates ensure that all the products are made from the finest material and adopt stringent quality control measures throughout the production process.



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PLANT AND MACHINERY

Tape Stretching Lines

Our Tape Stretching Lines from LOHIA CORP LIMITED have been developed to produce PP/HDPE tapes for many applications such as Woven/Knitted Bags, Flexible Intermediate Bulk Containers (FIBC), Carpet Backing, Tarpaulins, Wrapping Fabrics, Jumbo Bags and many more. High Speed Tape Stretching Lines incorporate state-of-the-art technology. The tape extrusion lines are designed to meet the highest performance and quality requirement with maximum efficiency and flexibility while using minimum raw material and energy. The monthly capacity of the plant to produce the tape is 300MT.

LOOMS

We have 50 Nos of Nova 6 Looms especially designed to weave high quality fabric suitable for a variety of packaging applications viz. cement, plastic granules, chemicals, fertilizers etc. and for covering fabrics including tarpaulin.

The tension of warp tapes is regulated via load cell type positive in-feed system, supplied as standard with the machine which produces fabric of improved quality. Speed of inlet rollers is regulated during weaving as per set tension. The surface winder for fabric also has a load cell assisted drive to ensure uniform winding tensions of the fabric throughout the build. The total monthly capacity of these looms is around 3 Million meters/month.



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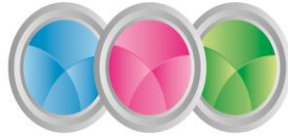
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TECHNICAL SPECIFICATIONS

Working Width		Capacity	
Double flat	30 to 90 cm	Weft insertion rate	1100 ppm*
No. of Shuttles	6	No. of tapes	576 / 720
Warp bobbin		Weft bobbin	
Internal diameter	35 mm**	Internal diameter	35 mm**
Length of core	218 mm**	Length of core	218 mm**
Max. bobbin diameter	160 mm**	Max. bobbin diameter	115 mm
Length of traverse	200 mm	Length of traverse	200 mm
Creel capacity		Fabric winder	
Bobbins per machine	576	Max. roll diameter	1500 mm
Machine dimensions			
Length x Width x Height x Centre (For 576 tapes)		9.7 x 2.8 x 3.0 x 2.2 m	
Length x Width x Height x Centre (For 720 tapes)		10.3 x 2.8 x 3.0 x 2.2 m	

BAG CONVERSION LINE

We have 3 Bag Conversion Lines (BCS) from LOHIA CORP LIMITED developed for producing bottom folded and sewn woven sack made from roll of tubular woven PP/HDPE fabric. BCS 850/45 model from Lohia is a high speed machine suitable for conventional bag application and is designed for cross cutting the tubular fabric; bottom folding, sewing and stacking. This new generation machine with servo and PLC controls is designed for fabric width upto 850 mm and with speeds upto 45 bags/min. depending upon material, width of the fabric, number of folds, stitches etc. Following advantages make these bags making machines the best choice.



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State of the art automated functions result in consistent quality of end product i.e. cut & sewn bags.

Reduced space requirement for converting the roll of fabric to the finished bag.

Reduced manpower requirement for producing the same quantity of bags.

AUTOMATIC PRINTING AND BAG CUTTING MACHINE

We have 3 nos. of 6 Colour Flexographic printing machine of capacity 1 lac bags/day and 1 machine of 8 colour Rotograveur Printing machine of capacity 50000 bags/day.

We have 4 nos of automatic bag cutting and stitching machines having a combined capacity of 1.5 lac bags per day.

LAMINATION MACHINE: J P EXTRUSION



Manufacturer of Quality HDPE / PP Woven Bags & Related Products



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JP 80 CR 1600 is designed for coating of LDPE on HDPE fabric and PP on PP Woven fabric, with coating width ranging from 800 mm to 1500 mm and thickness of LDPE film from 20 microns to 80 microns. The plant consists of following equipments:

- 80 mm Extruder with Main Motor AC.
- Screen Changer with adaptor.
- Carriage (Forward/Reverse) & (UP/Down)
- 1650mm T'Die (Coat Hanger Type)
- Unwinder Mechanical Two station with Edge Guiding System.(Overhead Crane to be arranged by customer for smooth handling of rolls/materials)
- Laminator Unit with AC Motor.
- Turn Bar Arrangement.
- Manual Edge Trimming
- Winder Turret with AC Motor.
- AC Drive Control Panel.
- Temperature Control Panel

TECHNICAL SPECIFICATIONS

Material	Nitrided Nitro Alloy Steel
Screw diameter	80 MM.
L/D Ratio	30 : 1
Output	LDPE-160 to 180 kg/hr maximum & PP-140 to 160 kg/hr maximum for PP depending upon coating thickness, substrate width, type of raw material and processing conditions.
Barrel Cooling System	Jacketed water cooling system on feed zone. All barrel zones cooling by 0.18 KW blower on each zone
Heating Zones	4 Nos
Heating Load	24 KW
Reduction	Helical type with inbuilt thrust bearing

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Gearbox	housing designed to withstand thrust developed during extrusion
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MANUAL STITCHING MACHINES

We have 10 Nos Stichman Ahemadabad make manual stitching machines having capacity 1.5 Lacs bag per day for bottom, top and valve stitching.

OTHER MACHINES

Bale press machine

Bobbin Cleaning Machine

Weighing Scales

Manual printing machine

Gravimetric Dosing Mixer: Prasad Group

Hot Air Dryer: SAR Industries



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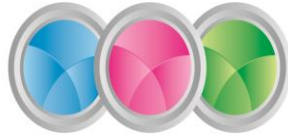
TESTING EQUIPMENTS

Microprocessor based Tensile testing machine

Weighing scale for Denier testing.

Melt Flow Index

Muffle Furnace



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THE MICROPLAST ADVANTAGE

We design and develop innovative range of packaging products like PP Woven Fabric, Polypropylene Woven Sacks for diverse industries. Our passion to achieve excellence in all the spheres of the business has consistently fueled our growth in the competitive international market.

However, our core competence lies in the following factors:

- Professional Work Environment
- Stringent Quality Control
- Product Customization As Per The Client's Requirement
- Advanced Manufacturing Units
- Skilled Work Force
- Latest Automatic & Semi Automatic Machines
- Well Equipped Testing Laboratory
- Team Of Experienced Polymer Engineers
- Capacity To Meet Bulk Requirements Within The Least Lead Time
- On Timely Delivery
- Competitive Pricing



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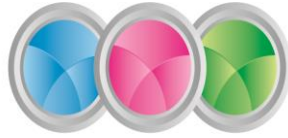
QUALITY ASSURANCE

The fabric production process is subjected to rigorous quality control procedures. Due to stringent quality checks, we offer our customers products that are superiors in technical parameters and with minimum defects (less than 1%). Polypropylene fabric consists of hydrophobic components which restrict the possibility of moisture in the fabric and further it extracts the moisture vapor away from the skin. Modern machinery and the adopted strategy of orientation on individual buyer needs enable us to manufacture fabrics that satisfy all the requirements of our customers.

Quality at Microplast is a result of sincere efforts, intelligent direction and skillful execution of the entire process. We follow well defined quality management system right from the procurement of the raw material till the final dispatch of the products. The selected material used for the production is treated with the UV stabilizers to resist damage caused by ultra-violet rays. All the stages of production are strictly supervised by experienced quality control professionals, who ensure flawless execution of the task.

Backed by high-tech machines, our production unit leads to consistent innovation and improvisation. We use latest sewing machines that guarantee safety and long-lasting stitch. The indelible ink is used to achieve better printing quality and clarity. The final batch of product is approved for delivery only after uncompromising fault-finding and inexorable testing and inspection.

Quality does not alone defines the attribute of our products but services too. We assure our clients prompt services and timely delivery of products in any corner of the world.



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CLIENTELE

- 1) Godrej Agrovat Ltd**
- 2) ITC Limited**
- 3) IFFCO**
- 4) Sneha foods & feeds Pvt Ltd**
- 5) Sriram Foods Pvt Ltd**

COMPANY DETAILS

PAN NO : AAICM4528L
GST NO : 27AAICM4528L1Z2

Bank Details : **CANARA BANK**
BUTIBORI BRANCH, NAGPUR
CC ACCOUNT NO: 3481 261 000 006
IFSC: CNRB 000 3481

WEBSITE : **www.microplastwovens.com**