

Collective Collaboration. Shared Success.

As the industry leader, **Reliance Polymers** recognises the importance of self-reliance. We foster collaboration and empower our downstream value chains for co-existence and optimal growth. By supporting growth and nurturing long-term relationships we champion sustainable growth and an **Atmanirbhar India**.



www.reliancepolymers.in



Collective Sustainability. Shared Success.

In today's ever-changing business environment, sustainability isn't just a buzzword; it's the very foundation of our future progress.

At **Reliance Polymers**, we are deeply committed to shaping a sustainable tomorrow for our industry, both in terms of polymer manufacturing as well as its innumerable applications. Partner with us as we lead the way towards ensuring lasting success through **sustainable practices and products**.



www.reliancepolymers.in





SOLTEx

ADDING VALUE

FILLERS • MODIFIERS • COLOUR / BLACK & WHITE MASTERBATCHES • ADDITIVES

SOLTEx PETROPRODUCTS LTD

T: +91 2240631515 • F: +91 2240631516 • sales@soltexpetro.com
MUMBAI • DAMAN • SILVASSA • RUDRAPUR • KOLKATA

www.soltexpetro.com



Be sure with



Improving lives with Technology

HMEL continuously invests in latest technologies and innovative solutions to offer you the best-in-class polymers

Scan for
HMEL PP & PE Grades



HPCL-Mittal Energy Limited
www.hmel.in



President's Message

Dear IFTEX Members,



Happy Holi !!!

"May this Holi bring colours of Joy, Love, and Happiness to all.

As we enter the year end, it is with immense pride I would like to appreciate the Resilience, Innovation, and Unwavering Commitment shown by the members to bounce back and revitalise the industry.

One of the most significant aspects of our progress has been our focus on strategic growth. This year we held our 40th AGM and Sustainability Conclave. We have expanded our reach, embraced new technologies, and explored innovative solutions to propel our industry forward.

Equally important has been our emphasis on policy and advocacy. We have worked tirelessly to shape policies that support our industry's objectives and promote a sustainable and inclusive future. Our advocacy efforts have ensured that our voice is heard in the Ministries, and our interests are represented at the highest levels in the Government. Through collaboration with key stakeholders, we have influenced important decisions that will have a lasting impact on our industry and beyond.

We have represented the most pressing matters with MOEF and CPCB regarding the Implementation Timeline of Mandatory Recycled Plastic Content of 10 % in Packaging coming w.e.f. from 1st April 2025.

We have represented important matters with BIS like merger of IS 16208:2015 (30 Kg Food Grain Bag) & IS 14887:2014 (50 Kg Food Grain Bags). Further we requested for an urgent revision for IS 11652:2017 (PP Cement Bags) & IS 16709:2017 (PP BLOCK BOTTOM BAGS) to Ensure Feasible QCO Implementation.

As we move forward, let us continue to build on these foundations and work towards shaping policies that reflect our shared vision. I am confident that with our collective efforts, we will continue to achieve great success and make a meaningful difference for our Industry.

Warm regards,



K.R. Padmaja Reddy
President, IFTEX

Vice President's Message



Dear Members,

As we step into February, I extend my warmest greetings to all our members, industry stakeholders, and readers. The technical textiles industry is at the cusp of a new era, with advancements in technology, sustainability, and market expansion shaping its future. At IFTEX, we remain steadfast in our commitment to fostering innovation, collaboration, and excellence in woven technical textiles.

The past few months have been remarkable for our sector, with growing demand for high quality bags. As we navigate through the dynamic landscape of this industry, I urge all our members to continue striving for excellence, exploring new opportunities, and strengthening our position in the global market.

Honoring Women's Contributions & Leadership

With International Women's Day approaching on March 8th, it is an opportune moment to reflect on the immense contributions of women in the field of technical textiles. Women entrepreneurs and professionals have been playing a pivotal role in driving innovation, leading businesses, and contributing to the economic growth of our industry.

At IFTEX, we take immense pride in having a successful woman entrepreneur as our President—a leader whose vision, determination, and entrepreneurial spirit have not only strengthened our association but also set an inspiring example for future generations. Her journey is a testament to the power of resilience and dedication, and we are truly privileged to have her at the helm of our organization.

Women entrepreneurs across industries have demonstrated exceptional leadership, breaking stereotypes and redefining success. As an industry, we must continue to support, encourage, and create opportunities for more women to step into leadership roles, ensuring a more inclusive and diverse future for technical textiles in India.

Embracing the Colors of Holi

As we approach the joyous festival of Holi, let us celebrate the spirit of unity, diversity, and new beginnings. Holi symbolizes renewal, much like how our industry continuously evolves with fresh ideas, creativity, and innovation. Just as different colours blend beautifully to create vibrant patterns, our collective efforts and collaboration as an industry will pave the way for a brighter and more prosperous future.

On this festive occasion, I extend my best wishes to you and your families. May this Holi bring happiness, prosperity, and success to all. Let us continue to work together to elevate the Indian woven technical textiles industry to new heights of excellence and global recognition.

Looking forward to another month of achievements, growth, and collaboration!

Warm Regards,

Dr. Prakash Kumar Khemani
Vice President
Indian Federation of Woven Technical Textiles (IFTEX)



(Formerly AIFTMA)

Date: 11.02.2025

Shri J.K. Gupta
 Head, Textiles
 Bureau of Indian Standards (BIS)
 New Delhi

**Ref: Urgent Revision Required for IS 11652:2017 & IS 16709:2017 to
 Ensure Feasible QCO Implementation**

Dear Sir,

We write to bring to your urgent attention the critical need for revisions in IS 11652:2017 (PP Cement Bags) and IS 16709:2017 (Block Bottom Bags), especially with the upcoming QCO deadline of 06th June 2025.

Despite our continued representations and submission of necessary data, a decision on these crucial revisions remains pending. Our buyers (Cement Companies) have also provided the required data, reinforcing the necessity of these changes.

Given the importance of these standards for process efficiency and packaging quality, we request an immediate panel meeting to finalize the proposed revisions. The delay in this decision to revise the standards is resulting in rejection of bags by the buyer causing huge commercial damage to the seller and the industry. While the Government is insisting for a Circular Economy these rejected bags are a National Waste which can be avoided by a prompt decision.

Key Areas Requiring Urgent Revision:

1. Clarification on Bag Weight:

BIS confirmation on the weight specifications for unprinted bags is still awaited. We propose that BIS explicitly clarify that the specified weight pertains only to unprinted bags, with additional ink weight determined by mutual agreement between buyers and sellers based on artwork requirements.

2. Strength Parameters:

The current standards mandate an impractical strength requirement of 900 N fabric strength and 400 N seam strength, without increasing bag weight or GSM. To ensure feasible implementation of the QCO, we strongly propose:

- Revising the fabric strength requirement to 850 N and seam strength to 360 N.
- If strength reduction is deemed unviable, increasing the fabric mass to 88 GSM to align with practical production constraints.

Parameters	Unit	Original 1979	First Revision 1992	Second Revision 2000	Third Revision 2017	Proposal
Mass of Fabric	GSM	77	88	79	79	79 or 88
Mass of Sack	Gm					
Breaking Load of Fabric						
Width wise	N	750	850	850	900	850
Length wise	N	700	850	850	900	850
Breaking Load of Seam	N	330	390	390	400	350
Elongation at Break						
Width wise	%			20	15-25	15-22
Length wise	%			20	15-25	15-22
Ash Content	%			6 %	6 %	

INDIAN FEDERATION OF WOVEN TECHNICAL TEXTILES

FLAT NO.1305-1306, 13TH FLOOR, ANSALTOWER, 38, NEHRU PLACE, NEW DELHI-110019

M: +918800207082 | **E:** office@iftex.in | **W:** www.iftex.in



(Formerly AIFTMA)

3. Drop Test revision:

Multiple failures in the sideways drop test in IS 11652:2017 have been observed. We propose removing the sideways drop test to ensure industry compliance and realistic performance benchmarks.

For Block Bottom Bags (IS 16709:2017):

1. Air Permeability and Strength Correlation:

An increase in air permeability directly impacts strength and elongation. We propose creating a strength-elongation-air permeability correlation matrix for better standardization, as shown below:

S No	Perforation	Strength	Elongation
1	70 m3/hr	632 N	14 %
2	90 m3/hr	614 N	14 %
3	100 m3/hr	553 N	13 %
4	110 m3/hr	550 N	12 %
5	120 m3/hr	540 N	11 %
6	130 m3/hr	517 N	11 %

2. Drop Test Considerations:

Similar to IS 11652:2017, the sideways drop test in IS 16709:2017 has shown high failure rates. We strongly recommend its removal to align with practical application and industry feasibility.

We remain steadfast in our commitment to national standards while emphasizing the need for practical, achievable, and industry-friendly revisions. Given the urgency of the QCO Implementation, we request BIS to convene the panel meeting immediately to conclude discussions on these pending revisions.

We appreciate your prompt attention and look forward to your positive response. Please let us know if further clarifications or data are required.

Sincerely,

K.R. Padmaja Reddy
President,
Indian Federation of Woven Technical Textiles (IFTEX)
(Formerly AIFTMA)

Enclosures:

1. GSM Calculation

INDIAN FEDERATION OF WOVEN TECHNICAL TEXTILES

FLAT NO.1305-1306, 13TH FLOOR, ANSALTOWER, 38, NEHRU PLACE, NEW DELHI-110019

M: +918800207082 | **E:** office@iftex.in | **W:** www.iftex.in



(Formerly AIFTMA)

To:

Shri Amandeep Garg, IAS (Chairman)
Central Pollution Control Board
Government of India
Parivesh Bhawan, East Arjun Nagar
Vishwas Nagar, Shahdara,
New Delhi – 110032
Email: ccb.cpcb@nic.in

05 March 2025

Subject: Request for Consideration on the Implementation Timeline of Mandatory Recycled Plastic Content in Packaging

Ref: Point 7.2(d) on Page 25 of the PWM Amendment Rules, 2022

Respected Sir,

Season's Greetings from IFTEX! On behalf of our esteemed members, the Indian Federation of Woven Technical Textiles (IFTEX) wishes to bring to your kind attention certain practical challenges in implementing the mandatory recycled plastic content requirement, set to be effective from April 1, 2025. As a leading representative of the woven technical textiles industry in India, IFTEX seeks your intervention in addressing the concerns of its member enterprises, many of whom operate under the MSME category and contribute significantly to India's industrial and economic landscape.

About Indian Federation of Woven Technical Textiles (IFTEX)

Indian Federation of Woven Technical Textiles (IFTEX), formerly known as AIFTMA, is a more than fifty-year-old association representing the Woven Technical Textiles Industry of India. The industry is the largest single consumer of polymers in the country, providing direct and indirect employment to more than 4 lakh workers. The majority of its member enterprises fall under the MSME category, playing a crucial role in fostering innovation, employment, and economic sustainability.

Compliance with Regulatory Requirements

As per Point 7.2(d) of the PWM Amendment Rules, 2022, the regulation states:

"The Producer shall ensure use of recycled plastic in plastic packaging category-wise as given below:"

- **Category I:** 30% (2025-26), 40% (2026-27), 50% (2027-28), 60% (2028-29 onwards)
- **Category II:** 10% (2025-26), 10% (2026-27), 20% (2027-28), 20% (2028-29 onwards)
- **Category III:** 5% (2025-26), 5% (2026-27), 10% (2027-28), 10% (2028-29 onwards)

While we acknowledge the intent behind this mandate, there are significant practical hurdles that make immediate compliance extremely challenging. In particular, we would like to draw attention to Category II, where the requirement for 10% recycled plastic content from 2025-26 onwards poses serious feasibility concerns for woven technical textiles.

Industry-Specific Challenges and Constraints

- India consumed 7,500,000 tonnes of polypropylene (PP) last year, with 36% (27,00,000 tons) being Raffle grade, primarily used in woven technical textiles.

INDIAN FEDERATION OF WOVEN TECHNICAL TEXTILES

Regd. Office : No. 213, Richmond Tower, No. 12, Richmond Road, Bengaluru - 560 025

M: +916360092285 | **E:** accounts@iftex.in | **W:** www.iftex.in | **GSTIN:** 29AAATA1200C1ZN



(Formerly AIFTMA)

- The mandate requires 10% recycled PP, equating to 2,70,000 tonnes annually, whereas this quantity is currently not available in the market.
- Woven technical textiles require high strength and elongation properties, and the inclusion of recycled content weakens durability, increasing rupture risks and leading to potential product failure.

Key Challenges in Implementing Recycled Content Mandate

While we acknowledge the importance of addressing sustainability aspects, there are several key challenges that need to be carefully considered before proceeding with the revision:

1. **Absence of BIS Standards for Recycled Materials** – Currently, there are no established BIS standards for recycled materials, making it difficult to predict and ensure their quality and performance.
2. **Lack of Color Consistency** – Since recycled materials do not have a uniform color profile, it would be challenging to maintain consistent product aesthetics and meet packaging requirements.
3. **Uncertain Availability of Recycled Materials** – The supply chain for recycled materials remains inconsistent, which may pose challenges in maintaining steady production and quality compliance.

Request for Consideration and Pragmatic Approach

Given these unresolved issues, we strongly believe that it would not be practical or productive to incorporate mandatory use of recycled materials at this stage unless these concerns are adequately addressed through proper standards and regulatory frameworks.

On behalf of our members, we respectfully request the Government to consider postponing the implementation of this mandate until a reliable and sustainable supply chain for recycled PP is established. A more phased and pragmatic approach would:

- Enable technological advancements in recycling processes for PP Raffia grade.
- Allow for infrastructure development to ensure the availability of high-quality recycled PP.
- Prevent potential supply chain disruptions in critical industries such as cement, fertilizers, and food grain packaging.

We are keen to collaborate with the Government and Industry stakeholders to explore viable alternatives and phased implementation strategies. We appreciate your kind consideration of this representation and look forward to engaging in further discussions to support a sustainable and feasible transition.

Thank you for your time and support.

Yours sincerely,

K R Padmaja Reddy
President

INDIAN FEDERATION OF WOVEN TECHNICAL TEXTILES

Regd. Office : No. 213, Richmond Tower, No. 12, Richmond Road, Bengaluru - 560 025

M: +916360092285 | **E:** accounts@iftex.in | **W:** www.iftex.in | **GSTIN:** 29AAATA1200C1ZN

PRODUCT RANGE

Filler Masterbatch

- PE Base
- PP Base
- HD Base
- Talc Base

Additive Masterbatch

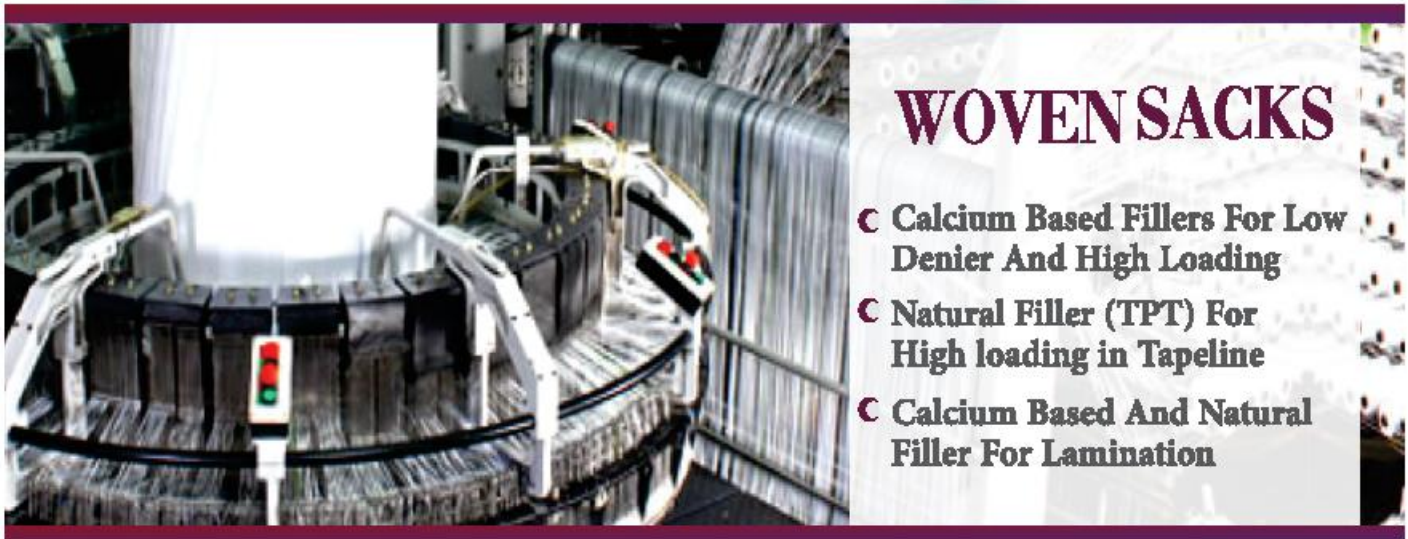
- UV
- Desiccant Masterbatch
- Anti Oxidant Masterbatch

Colour Masterbatch

- More Than 10,000 Shades
- Tailor-made Masterbatch

Modifier

- Ojas Filler
- Ojas Colour



WOVEN SACKS

- Calcium Based Fillers For Low Denier And High Loading
- Natural Filler (TPT) For High loading in Tapeline
- Calcium Based And Natural Filler For Lamination



PP MULTIFILAMENT YARN

We are offering Fully Drawn PP Multifilament Yarn & Stitching Yarn in various types, colors, twist and intermingles



SONALI
REDEFINING COLORS

Sonali Polymers Pvt. Ltd.
Jaipur, Rajasthan

Sonali Polyplast Pvt. Ltd.
Kolkata, West Bengal



ParaSteel

PARAS STEEL TUBES™

(An ISO 9001 : 2015 Certified Company)

HIGH TENSILE CHEESE TUBES



FLAWLESS
FINISH

ECONOMICAL
PRICES

HIGHLY
DURABLE

LIGHT
WEIGHT

VARIOUS
COATING
OPTIONS

CLOSE
TOLERANCE

CRACK
RESISTANT



These High Tensile Cheese Pipes are Efficiently
Manufactured by utilizing Superior Graded Steel
with the help of latest Techniques in Conformity
with Indian and International Standards .

MAKING TUBES FOR A PROSPEROUS TOMORROW

PARAS STEEL TUBES is a client centric organization dedicated to delivering precision engineered solution for Industrial tubes. Since our foundation in 1998, we have been following ethical practices and quality conscious approach in our business. With our unending commitment to quality, we have achieved a notable position of manufacturer, exporter & supplier of industrial Tubes.

OUR PRODUCTS

***Automotive Industry**

- Precision Turned Components
- Handle Bar Tubes
- Headrest Tubes
- Fuel Injection Tubes

***Telescopic Stand Tubes**

***IBC Tank Frame Tubes**

***Woven Sack Industry**

- High Tensile Cheese Pipes
- Shuttle Guide Tubes
- Guide Rollers for Circular Looms

***Luggage Trolley Tubes**

***Drip Irrigation Tubes and many more**

WE ARE ANCILLARY TO

- * Maruti Udyog Limited
- * Honda

- * Hero MotoCorp
- * Volkswagen

Add: Plot No. 189-A Swam Park, Udyog Nagar, Mundka, New Delhi - 110041(India)
Key Person : Mr. Rakesh Sehgal (director@parastubes.com)
Email: marketing@parastubes.com & customercare@parastubes.com
Customer Care No.: +91 9999486919

www.parastubes.com





TAPE EXTRUSION LINE

Production Capacity : 150 to 900 Kg/Hr



For Manufacturing PP/HDPE Flat Tapes to Produce Woven Sacks, Tarpaulin, Jumbo Bags (FIBC), Ropes, Stitching Threads etc.



Tape Winder
Inverter / Electronic



Jumbo Winder
Fibrillated Tape



Auto Doffing
Tape Winder

OutPut



Baler Twines



PP/HDPE Tapes

CIRCULAR WEAVING MACHINE

4, 6, 8, 10 & 12 Shuttle Circular Weaving Loom



PP/HDPE Fabric Rolls



Leno Fabric

Exports in 44+ Countries | Experience of 38+ Years

TAPE LINE | WINDERS | CIRCULAR LOOM | EXTRUSION COATING | PRINTING
CONVERTING | RECYCLING | STRAPPING | CAST FILM LINE | MONOFILAMENT

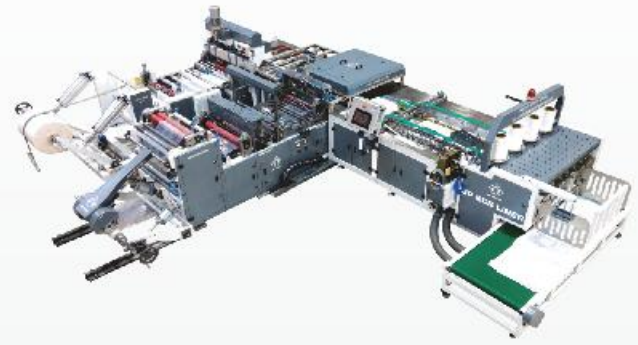
Corporate Office

C1B-1034 to 1037, G.I.D.C, Industrial Estate, Ankleshwar-393002, Dist. Bharuch, Gujarat, India.

+91 99090 47164 | info@jpel.in | www.jpel.in



EXTRUSION COATING MACHINE
Die Width from: 900mm to 6000mm



**AUTOMATIC BAG CUTTING,
STITCHING & LINER INSERTION LINE**



**4000mm 4 COLOUR
FLEXO PRINTER
for Wrapping
Fabric / Tarpaulin**



PLASTIC RECYCLING MACHINE
Output Range: 100-450 Kg/Hr
Suitable for: PP, BOPP, HDPE, LDPE & HIPS



**PE/PP MONOFILAMENT LINE WITH
COP WINDERS / DUNLINE PLANT**



PP/PET STRAPPING LINE
Available Strap Sizes: 9, 12, 15 & 19mm



J P EXTRUSIONTECH

SINCE 1987



IMPORTANT STANDARDS FORMULATED ON PACKTECH

- **IS 14887:2014 HDPE/PP Woven Sacks for packaging of 50 Kg Food grains**
- **IS 16208:2015 HDPE/PP Woven Sacks for packaging 10 Kg, 15 Kg, 20 Kg, 25 Kg, and 30 Kg Food grains**
- **IS 14968:2015 HDPE/PP Woven Sacks for packaging 50 Kg/25 Kg Suar**
- **IS 16703:2017 HDPE/PP woven sack for packaging 25 Kg polymer materials**
- **IS 18482 : 2023 Sandwich extrusion laminated PP Woven sacks for packaging bulk commodities**
- **IS 11652 : 2017 HDPE/PP woven sacks for packaging of 50 Kg cement**
- **IS 16709 : 2017 PP woven, laminated, block bottom valve sacks for packaging fo 50 Kg cement**



27 February 2025

Subject: Discussion on IS 9755 Revision – Addressing Sustainability Aspects

Dear Mr. Amit Kumar Pandey,

I hope this letter finds you well.

With reference to the upcoming meeting scheduled for February 27, 2025, regarding the preparation of the working draft for the revision of IS 9755:2021, we at the Indian Federation of Woven Technical Textiles (IFTEX) would like to bring to your attention some critical concerns related to the Incorporation of recycled materials for HDPE/PP woven sacks used in fertilizer packaging.

While we acknowledge the importance of addressing sustainability aspects, there are several key challenges that need to be carefully considered before proceeding with the revision:

1. **Absence of BIS Standards for Recycled Materials** – Currently, there are no established BIS standards for recycled materials, making it difficult to predict and ensure their quality and performance.
2. **Lack of Color Consistency** – Since recycled materials do not have a uniform color profile, it would be challenging to maintain consistent product aesthetics and meet packaging requirements.
3. **Uncertain Availability of Recycled Materials** – The supply chain for recycled materials remains inconsistent, which may pose challenges in maintaining steady production and quality compliance.

Given these unresolved issues, we strongly believe that it would not be practical or productive to incorporate recycled materials in the revision of IS 9755 at this stage, unless these concerns are adequately addressed through proper standards and regulatory frameworks.

We look forward to discussing this matter in detail during the meeting and working towards a viable and technically sound solution.

Best Regards,

Umesh Anandani
Secretary
Indian Federation of Woven Technical Textiles (IFTEX)

INDIAN FEDERATION OF WOVEN TECHNICAL TEXTILES

Regd. Office : No. 213, Richmond Tower, No. 12, Richmond Road, Bengaluru - 560 025






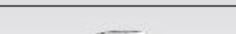


M: +916360092285 | **E:** accounts@iftex.in | **W:** www.iftex.in | **GSTIN:** 29AAATA1200C1ZN



Wire Healds for Plastic Woven Sacks Industries

Length : 300, 305, 310 & 355 mm or required
Wire Size : 0.91 mm or required
End Loops : Open J, Oblong, Round & Open C
Eye Location : In centre or above centre

Surface Finish :
Nickel Plating
We can supply other Wire Healds on customer request.

Eye No.	Photo	Dimension in mm
1080R		6.6 x 3.9
390R		8.0 x 4.2
420R		9.0 x 4.8
450R		10.0 x 6.3
8040R		8.0 x 4.0
440R		10.5 x 2.8
480R		13.5 x 7.5
65/0		6.5

Get Quality & Perfection

We can also supply Flat Healds & Drop Wires

M.S. Seamless Hard Cheese Pipes



Surface finishing of I.D. is very smooth with deburring ends.

AVAILABLE SIZES

I.D.	O.D	I.D.	O.D	I.D.	O.D
28.50	x 31.75mm	35.00	x 38.00mm	35.00	x 37.00mm
32.00	x 35.00mm	32.00	x 36.00mm	35.00	x 37.50mm
30.00	x 34.00mm	35.00	x 40.00mm	47.00	x 50.00mm
				In 218, 220 & 230 mm & in any length	

- Available for cutting pipes with Zinc Coating & Powder Coating in various colours from 100mm to required length.
- Also available in odd sizes from 15mm I.D. x 20mm O.D. & 60mm I.D. to 63.50 mm O.D. & Wall Thick : 1mm to 6mm.



PATSON
PIPES & TUBES

Manufacturer of Seamless Pipes & Tubes. M.S. Cheese Pipes (Bobin)

375, GIDC Estate, Por-Ramangamdl - 391 243 Dist. Vadodara
Ph. : +91 0265 2964455, +91 98985 85511

E-mail : patsonpipes@rediffmail.com, patsonpipes@yahoo.co.in, Website : www.patsonpipes.com

Manufacturer & Exporter of Printing Machinery & Hydraulic Bale Press for FIBC & Woven Sacks Industries

FIBC Sheetfed Flexographic Printing Machine (1 to 8 Colors)



Small Bags Flexographic Printing Machine (1 to 8 Colors)



Fully Automatic Continuous Printing Machine





www.ntex.in



N-TEX[®]

SINCE-1972

FIBC Hydraulic Pelletising Bale Press

Specially Designed for Bale/Pelletising of FIBC



Small Bags Hydraulic Bale Press



***Customisation also available on request**

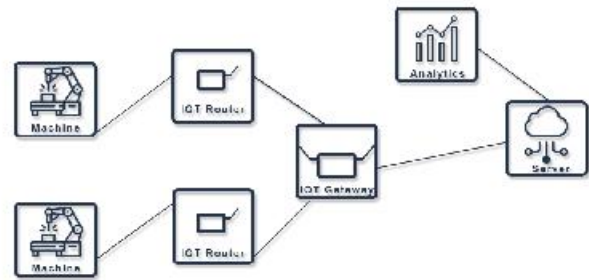
N-TEX
SINCE-1972

Registered Office :
4, Panchal Sahakari Udhyog Nagar, Dudheshwar Road,
Ahmedabad - 380004, Gujarat, INDIA.
T. +91 79 2562 5772, +91 79 2562 1048
M. +91 94260 88820, +91 95120 55577 | E. indqulry@ntex.in



IOT

SENSE | MONITOR | ANALYSE



Connectivity

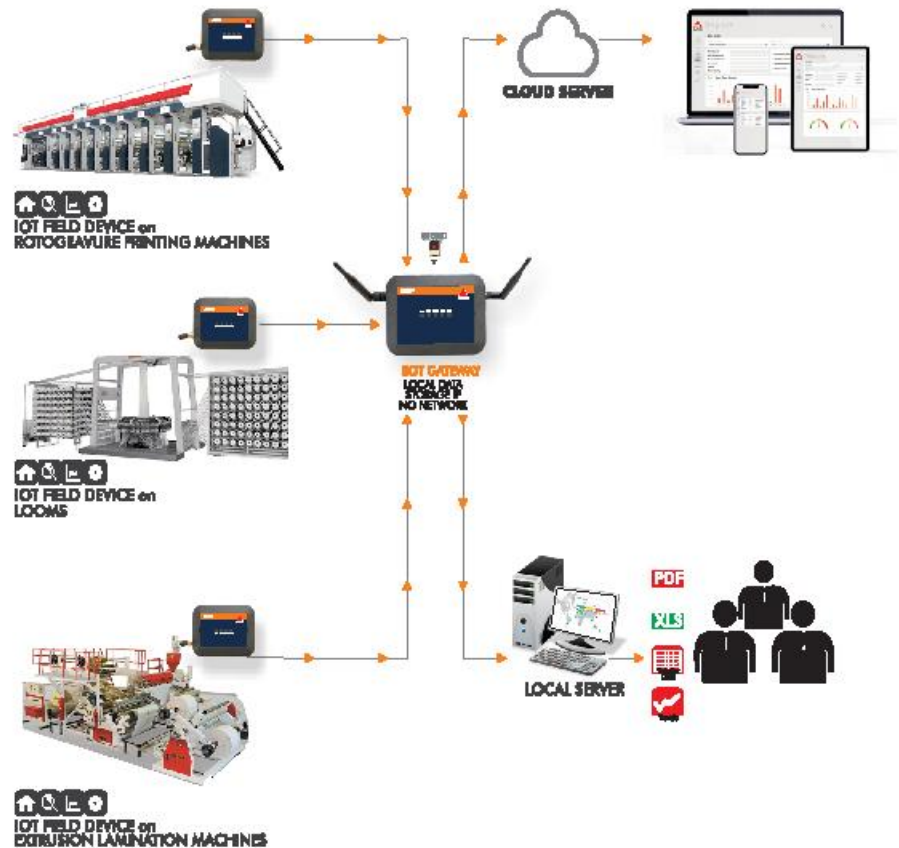
Allowing users to log and analyze key performance indicators such as OEE, Alteem's Dashboard Portal is at the heart of connected services. Showing historical data and generating reports, it allows users to gain insights to produce real operational improvements, and can be used remotely via laptops and smart phones.

Remote Monitoring

Remote Monitoring provides live data of all connected machines, including average speeds, production output, uptime, downtime, energy consumption, job planning, and much more. This data can then be used to improve operations and enhance productivity.

Downtime Monitoring

Downtime monitoring improves overall production efficiency by giving live and historical data of the machines to make sure they are performing as per the required capacities.



The Gateway can be installed directly on the machine.

**DATA
ACQUISITION**

**DATA
MANAGEMENT**

**ADVANCED
ANALYSIS**



Manufacturer & Designer of Web Control Systems

Opposite Ganesh Meridian A, Chanakyaouri Roas, Nr. New Gujarat

High Court, S.G. Highway, Ahmedabad-380060(Gujarat)

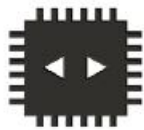
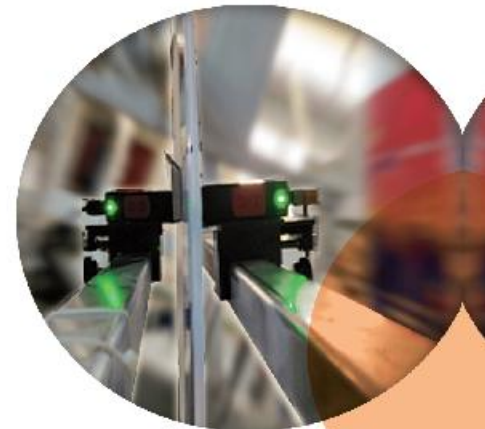
Phone: +91-9662164747, 9723372233

E-mail: sales@alteem.com

Automatic B2B Registration Control System

ABR -400

Achieving Precise Alignment: Front and Back Mark Matching in Extrusion Lamination Machinery



High Speed
Embedded Board



Automatic Search
for Registration Mark



7 inch
Touch Screen

Back To Back Window Matching System

Achieving Seamless Front and Back Window Alignment in Lamination Machine

ARC -400



Since
1985



Bubna

POLYSACK INDUSTRIES

LEADING EXPORTER OF:

PP/HDPE WOVEN BAG/SACKS

PP/HDPE WOVEN FABRIC ROLL

BLOCK BOTTOM VALVE BAG

FIBC FABRIC

FIBC/JUMBO BAG

PP/HDPE BOPP BAG

TARPAULINS

PP/ HDPE FABRIC
LAMINATION

LENO/MESH BAG

LUMBAR WRAP

GEO TEXTILES

VENTILATED FABRIC

SHADE NET

DUNNAGE BAG

305, B-Tower, International Commerce Centre, Near Majura Gate, Ring Road,
SURAT - 395 003. (Gujarat) INDIA.



www.ppbag.in



info@ppbag.in



+91 261 2475275 / 76 / 77

Citing sugar industry issues, Centre moves court for exemption from 20% jute packaging

Our Bureau
Kolkata

About 70% of sugar production is consumed by bulk buyers, who avoid jute packaging due to quality concerns

The Department of Food and Public Distribution, under the Ministry of Consumer Affairs, Food and Public Distribution, has informed the Calcutta High Court that sugar mills and sugar industry associations are facing different challenges with jute packaging of sugar, and sought exemptions from compulsory jute packaging for 20 per cent of the total sugar production.

The Indian Jute Mills Association (IJMA), which is in favour of continued implementation of the Jute Packaging Materials Act (JPM), is expected to analyse the submission of the Department of Food and Public Distribution, and respond to the same in the next hearing scheduled for March 4.

IJMA filed a writ petition in the High Court last year against the Union of India and its agencies, seeking strict enforcement of the JPM Act, 1987.

NON-COMPLIANCE

The petition alleged massive non-compliance by sugar mills and private foodgrain procurers, causing severe losses to the jute industry.

It also alleged negligence of government agencies, including the Jute Commissioner's Office (JCO) and the Ministry of Consumer Affairs, Food and Public Distribution (DFPD) in taking legal action against the violators.

MOISTURE LEVELS

In their latest submissions before the High Court this week, DFPD and the Directorate of Sugar said that industry associations and sugar mills, in their various representations, had highlighted different challenges of jute packaging.

"Sugar has inherent properties that make it susceptible to moisture absorption. Jute bags have a higher tendency to attract and retain moisture, which poses a significant risk to the quality and integrity of sugar stored within these bags," the sugar mills said. Moisture could lead to the clumping and caking of sugar, rendering it unfit for human consumption, the mills said.

BULK CONSUMERS

they added that there were cases of non-acceptance of sugar packaged in jute bags by bulk consumers like Pepsi and Coke due to the missing of the jute fibres in the sweetener. It was submitted that as on December 31, 2023, only three licensed suppliers of BIS-standard jute bags were available, making it difficult for the jute industry's high demand. It was also submitted that about 70 per cent of the total production in a sugar season was consumed by bulk buyers/processors, who had shown their reluctance in procuring sugar packaged in jute bags due to quality deterioration of the product.

Tape Stretching Lines



TPPL offers complete range of Tape Extrusion Lines for High Quality Universal processing of PP / HDPE Tapes for a wide range of Applications such as FIBC / Jumbo Fabrics, Woven Bags, Geo and Agro Textiles, Carpet Backing, Fibrillated Artificial Grass, Wrapping Fabrics, Tarpaulins, Ropes, Twines and many more.

Working speed
upto 500 m/min

Working Width
upto 2000 mm

Production Capacity
upto 750 kg/hr



TECHNOLOGY PLASTOMECH PRIVATE LIMITED

S. No. 136, Village Ode,
S. P. Ring Road to Pirana Road,
Ahmedabad - 382 427. Gujarat, INDIA

+91 97129 65099
+91 79 2970 9522
sales@tpplindia.com

For international
+91 99786 11088
export@tpplindia.com

High Speed Universal Processing

Up to 750 kg/hr. production capacity
High performance, high tenacity tapes
Low denier variation, low energy consumption
Lowest cost of production

Redefining
Technology



Innovative Extrusion



Energy Efficient Extrusion Unit with Inline Mixer, Performance screw, Continuous filtering System and Precise Die.

Best in Class



World's Leading Extruder Gear Box with inbuilt PHE works most efficiently with lowest energy losses with extended life.

Best Melt Quality



Melt / Gear Pump deliver Pulsation free, accurate volume per revolution. It Ensures lowest Flow variation In machine direction.

Perfect Winding



Inverter driven Winders with High Speed Operation ensures uniform tension winding with Lower Power Consumption.

Sleek Design



Stretching & Annealing Roller Unit with up to 500 meter/min. Operational Speed with optional Safety Guard System.

Smart Operating



Full Touch Controlled Unit with Single Point centralized Access for entire process. Self-diagnostic system with Real time display of Energy consumption, Production data, Alarms and many more with printing option.



Extrusion Coating & Lamination Lines



A Big Amount of woven sacks is produced with coating, because coated sacks provide better protection of the contents from dust and moisture. also, gives better printability.

Our Next Generation ***lamiRex Series*** offers high-level coating and laminating lines designed for the needs of woven fabric coating, the machine offers outstanding flexibility and allows for coating or sandwich-laminating of a wide range of substrates such as woven fabric of PP or PE, paper, BOPP film and nonwoven. Because of its double wide layout, tubular fabrics are coated on both sides in one go.

Best Workmanship, Innovative Technology & Modular design allows economical production with maximum flexibility, meeting the most sophisticated demands of Modern Packaging.



TECHNOLOGY PLASTOMECH PRIVATE LIMITED

S. No. 136, Village Ode,
S. P. Ring Road to Pirana Road,
Ahmedabad - 382 427. Gujarat, INDIA

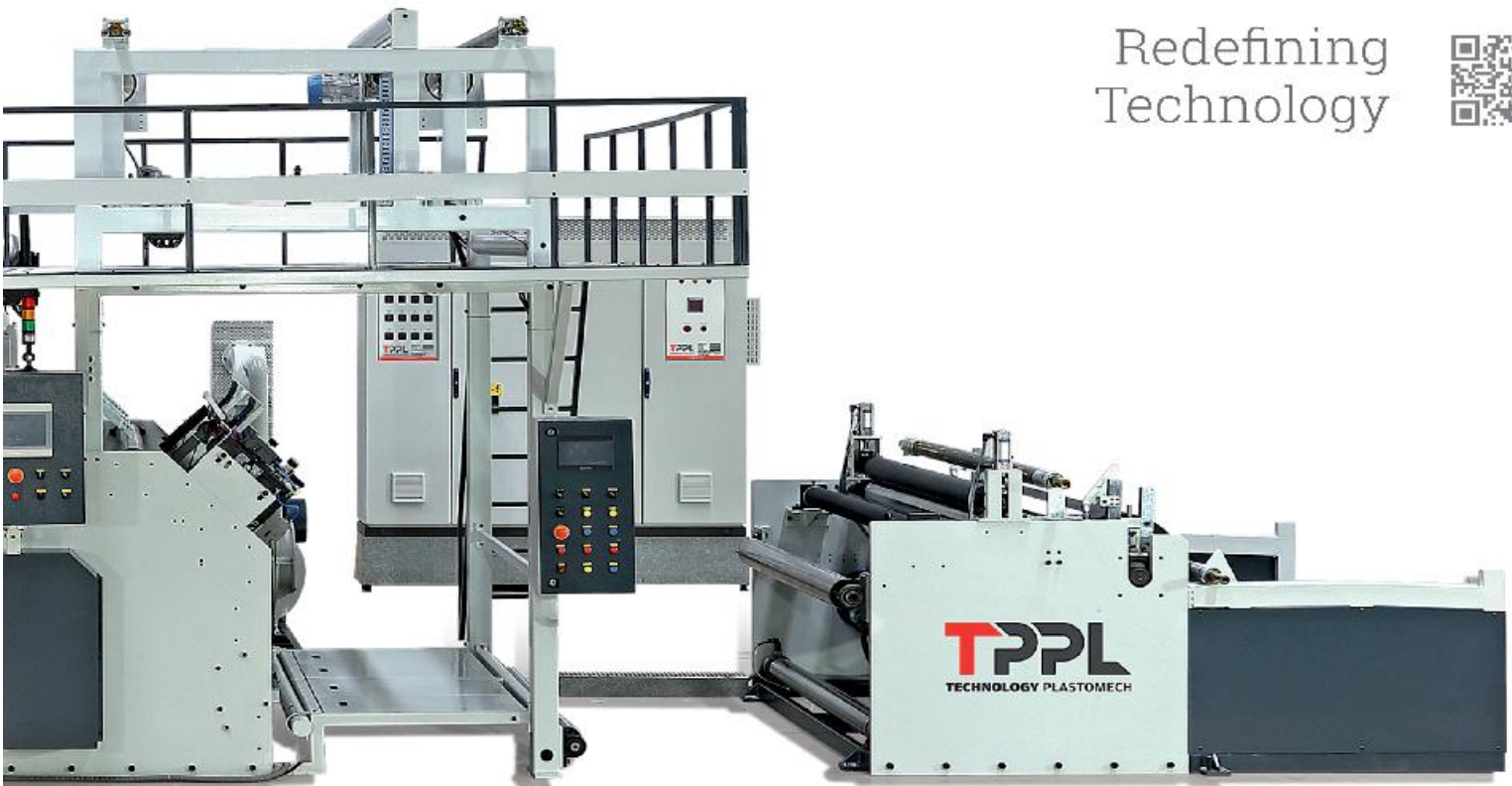
+91 97129 65099
+91 79 2970 9522
sales@tpplindia.com

For international
+91 99786 11088
export@tpplindia.com

High Speed Universal Processing

Up to 200 meter/min. speed
Uniform coating thickness
Excellent coating adhesion
Low energy consumption

Redefining
Technology



Strong Coating Adhesion



Uniform Coating



Auto Changeover



Lower Energy Consumption



Operator Friendly



High Speed Working



Nonstop Operation



Simple Maintenance



Most Efficient Operation

Working speed
upto 200 m/min

Working Width
upto 4000 mm

Melting Capacity
upto 600 kg/hr



www.tpplindia.com

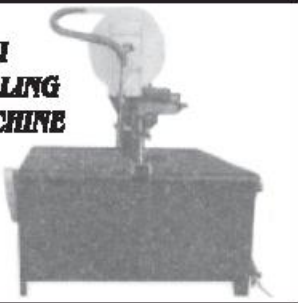
TARPAULIN SEALING MACHINES

Manufacturers of :

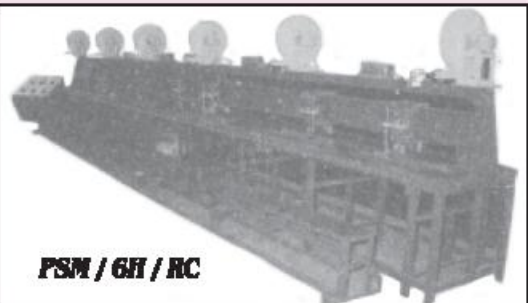
POLY TARPAULIN PNEUMATIC SEALING MACHINES

(Ranges : Single head to 6 heads)

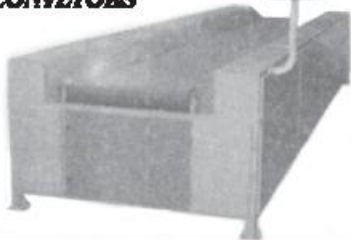
**MINI
SEALING
MACHINE**



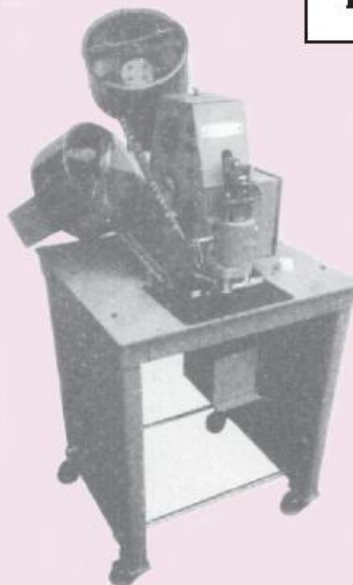
FSM / 6H / RC



**ON LINE
CONVEYORS**



**ON LINE
AUTO CUTTER**



EYELETING / GROMMETING MACHINE
Fully Automatic Punching and Pressing Machine for Eyelet

ON LINE AUTO PLC CONTROLLED FABRIC CUTTER
AUTO TWIN HEAD SIDE SEALING MACHINES WITH
CONVEYOR DRIVE IN THE CENTER
CONVEYORS FOR ON LINE AUTO EYELETING



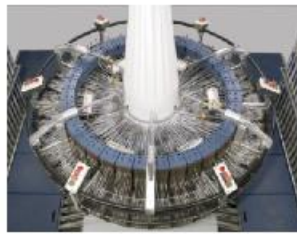
PolySeal Engineers Pvt. Ltd.

Works : 905/9, G.I.D.C., Makarpura, Baroda - 390 010 Ph. 91-265-2631490 (O) 2792184 (R) Mobile : 98240 38972
Office : 12, Parjati Park, Shuklanagar Road, P.O. Fatehgunj, Baroda - 390 002
E-mail : info@polysealengineers.com Website : www.polysealengineers.com

We are Providing Innovations & Benefits to Woven Sack, FIBC Industry since 1998....



"Weft End Detection" for reducing tape wastage



For all make & models of Looms



"Weft Break Detection" for avoiding Fabric Wastage

- Avoids Tape Cutting
- Avoids Fabric Wastage
- Improves Quality
- Increases Efficiency
- Increases Productivity

"Loom Sensors" for Direct benefit

Loom Controller' for Electronic Loom



For all make & models of Looms

HMI - PLC
LED's for Diagnostics Direct Replacement

'All in One PLC card' for Mechanical Loom

Maintain fabric quality by easy diagnostics & increase productivity by fast troubleshooting.



Winder Card & Analog Sensor Cheese winders & Winder Frame
For Direct Replacement in many make of 'Electronic Winders'

Winder frame 24X Power Supply card 'Synchronizer' Auto & Manual
Avoids Total Frame Failure

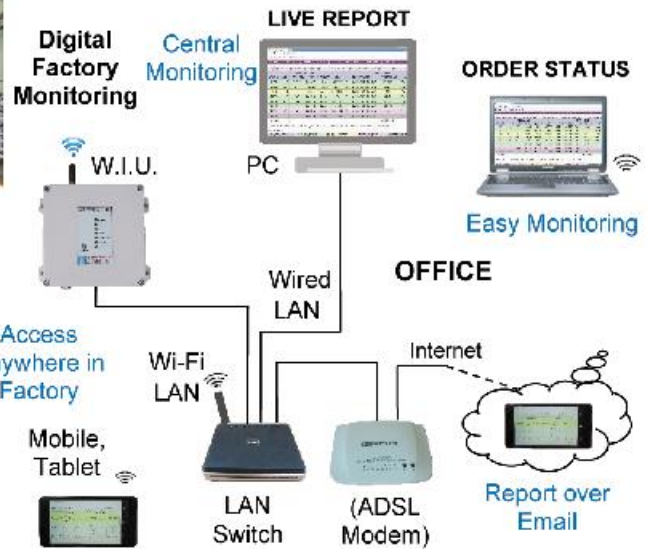


PMS Benefits:

- Live Monitoring
- Quick decision
- Quick Action
- More Productivity
- Order Report
- Roll Report
- Auto Reading
- Auto Recording
- Live Status
- Instant Auto Report
- Performance Analysis



Easy Monitoring of all Looms & machines



PMS: For Production Monitoring of Looms, Other Machines & Order Status

Beta Computronics Pvt. Ltd.



10/1, IT Park, Parsodi, Nagpur- 440022 (MS), INDIA.
Phone: +91-712-2227125, 2240122, +91-9763711367 – call & WhatsApp
Website: www.betacomp.com E-mail: sandeep@betacomp.com, sales@betacomp.com

'We serve as your Extended Technical team'
Online Support
Guidance & Training



Quality Products

SAR INDUSTRIES

Our Product Range

- » Hydraulic Bale Press For FIBC (Jumbo Bag)
- » Hydraulic Bale press 40 to 150 Ton
- » Hydraulic Cheese Pipe Straighter
- » Hydraulic Bale Presses For Waste
- » Bobbin Cleaning Machine
- » Manual Printing (up to 4 Colours)
- » Gear Box Cooling For Top Plant Hot Air Dryer Granules
- » Online Reforming (Fabric Inspection) Machine
- » Perforation Unit For Online Printing Machine
- » Surface Winder For Printing Machine & Lamination Plant
- » Online Gassing Unit
- » Mixing Machine For Row Material (Granules)
- » Unwinding Unit & Rewinding Unit with Web Guiding System
- » Power Saving Blowers & All Accessories for Refila Industries



Hydraulic Bale Press (40 to 150 Ton)



Hydraulic Bale Press For FIBC (Jumbo Bag)



Hydraulic Bale Press For Waste



Bobbin Cleaning Machine



Hydraulic Cheese Pipe Straighter



Perforation Unit



Hot Air Dryer



Granule Mixing Machine



Fabric Rewinding Machine



Surface Rewinder



Manual Printing Machine (up to 4 color)



Unwinding Unit



SAR INDUSTRIES

Plot No. 4/5/6/7, Tirth Bhoomi Industrial Park-2, Bakrol-Gatrad Road, Opp. Bricks Factory
 Village-Bakrol (Bujrang), Taluka Daskroi, Dist. Ahmedabad - 382430, Gujarat, India
 Ph.: 720100662 | Mob.: +91 9376186526 / 9662043526 / 9376186513
 E-mail : sarindustries2011@gmail.com | Website : sarindustries.com



SAR INDUSTRIES



MIXER WITH DRYER

We are very pleased to introduce yet another innovation to woven sacks industry. It will certainly minimize your problems in mixing of raw materials perfectly. The salient features of our mixing machine are:

- 1.Reduction of man power working
- 2.Reduction of mixing time
- 3.Reduction of mishandling
- 4.Improves quality of end product
- 5.Contains 2 hot air blower of 0.5HP with 7.5 KW heater with PID Installed Electric Panel.

Machine Size (L X B X H) in MM	Mixing Capacity Kg / 15 min
1000 X 1000 X 1000	150



Bag Cutting and Sewing Machine (BCS)

1. Heavy Duty Lazar cutting fabricated MS structure with fully automatic user friendly control system with 15HP connecting load with electric panel.
2. Machines consists of web guide, unwinding unit, cutting unit, feeding unit an efficient clipper system and a sewing machine with single and double folder.
3. Working width of machine is between 8" to 36" Inch.
4. Working length of machine is between 12" to 53" inch.
5. Cutting length accuracy of machine is ± 1 mm.
6. Production capacity 20-35 bags per min depending on the sewing machine.



SAR INDUSTRIES

Plot No. 4/5/6/7, Tirth Bhoomi Industrial Park-2, Bakrol-Gatrad Road, Opp. Bricks Factory
Village-Bakrol (Bujrang), Taluka Daskroi, Dist. Ahmedabad - 382430, Gujarat, India

Ph.: 7201000662 | Mob.: +91 9376186526 / 9662043526 / 9376186513 | E-mail : sarindustries2011@gmail.com

www.sarindustries.com

Powering Progress **PROPELLING** Success



Our **PROPEL** brand of petrochemicals provides comprehensive solutions.

Product Slate Includes:

- Polypropylene (PP)
- High Density Polyethylene (HDPE)
- Liner Low Density Polyethylene (LLDPE)
- Linear Alkyl Benzene (LAB)
- Purified Terephthalic Acid (PTA)
- Mono Ethylene Glycol (MEG)
- 1,3-Butadiene ● Butyl Acrylate





Innovation to **PROPEL** India



Our **PROPEL** brand of petrochemicals provides comprehensive solutions. Product Slate Includes:

- Polypropylene (PP)
- High Density Polyethylene (HDPE)
- Liner Low Density Polyethylene (LLDPE)
- Linear Alkyl Benzene (LAB)
- Purified Terephthalic Acid (PTA)
- Mono Ethylene Glycol (MEG)
- 1,3-Butadiene ● Butyl Acrylate



Built for business that never stops



Products developed with 4 decades of proven expertise.
20,000 installations in 33 countries. A solution-centric approach
that delivers on efficiency, productivity and economy.
An industry legacy since 1973.

Circular Weaving Machines | Knitting Machines | Fruit+Vegetable Packing Machines

A large industrial textile machine, likely a spinning or weaving loom, is shown in a factory setting. The machine is constructed from metal and features a prominent rack holding numerous white spools of thread. The spools are arranged in a grid pattern, with each spool having a white top and a black bottom. To the left of the main rack, there is a smaller section with a row of red spools. The machine is set against a light-colored, possibly white, wall with a corrugated metal ceiling. The overall scene is brightly lit, highlighting the metallic surfaces and the organized arrangement of the spools.

CALIBRIS

PERFORMANCE MACHINES

Formerly **YOUR EQUIPMENT SOLUTIONS**

Girish B Kamath - sales@calibris.co +91 63664 34310

calibris.co

CIR Agro Inks

Solvent based printing inks for

Woven Sacks packaging

*Suitable for Treated HDPE Woven Sacks for Fertiliser and Agro Bags.***HIGH RUB RESISTANCE**



For over 255 years, hubergroup has been at the forefront of innovation in the printing, packaging, coating, and chemical industries. Our enduring excellence, supported by the combined expertise of our German and Indian R&D teams, allows us to stay responsive to our customers' evolving needs, consistently delivering high performance quality products that meet specific print shop requirements.

CIR Agro Inks from hubergroup offers a vibrant, full-colour range of pigmented, PVB-based inks, expertly formulated for surface printing on treated HDPE Woven Sacks for Fertiliser and Agro bags.

For more information contact our product specialist or write to us.

HIGH RUB RESISTANCE

HIGH GLOSS

EXCELLENT ADHESION

IMPRESSIONS OF SUCCESS



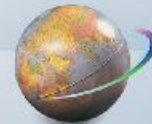
**PRADHANMANTRI
Bhartiya
Jan Urvarak
Pariyojna**

Special Design For Multicolour Logo Print

Seven colour Flexographic printing machine, bag to bag for HDPE / PP Woven sacks, Jute and Laminated jute bags, Kraft paper bags, Non woven bags...



Hydraulic Bale press



- | | |
|-----------------|------------------------|
| ALGERIA | LOMA TOGO |
| AUSTRALIA | MALAWI |
| BAUNGLADESH | MOZAMBIQUE |
| BHUTAN | MYANMAR |
| DUBAI | NEPAL |
| ECUADOR | NGERIA |
| EGYPT | POLAND |
| EL SALVADOR | QATAR |
| ETHIOPIA | R.D.CONGO |
| FRANCE | RUSSIA |
| GERMANY | SPAIN |
| GHANA | SUDAN |
| GUATEMALA | SULTANATE OF OMAN |
| HOLLAND | TANZANIA |
| HUNGARY | UGANDA |
| HONDURAS | U.K. |
| IVORY COAST | U.S.A. |
| (COTE D'IVOIRE) | REPUBLIC OF UZBEKISTAN |
| KENYA | YAMEN |
| LATIN AMERICA | ZAMBIA... |

Our other products :
Manual printing machine for FIBC/JUMBO BAGS
Hydraulic Bale press up to 80 Tonne capacity
Hydraulic Bale press container type
Woven Fabric cutting machine



CE certified company



Navjivan
EXPORTERS

292/6,3,4, Shastri Laghu Udyog Nagar, Near Maheshwari Mills,
 Tavdpura, Shahibaug, Ahmedabad - 380 004. (INDIA)
 PH : 0091-79-2582 2453, 2563 1983, 2582 2271, (Mo)+91-76240 17200
 MOBILE : +91-98240 17200, 98240 22456, 97243 31029
 E-mail : exports@navjivanexporters.in
 Web : www.navjivanexporters.in

SPARES FOR
NEWLONG & UNION SPECIAL



**NOW AVAILABLE COMPLETE
RANGE OF SPARE PARTS OF
DKN3WGP8 / DK3LWGP8**

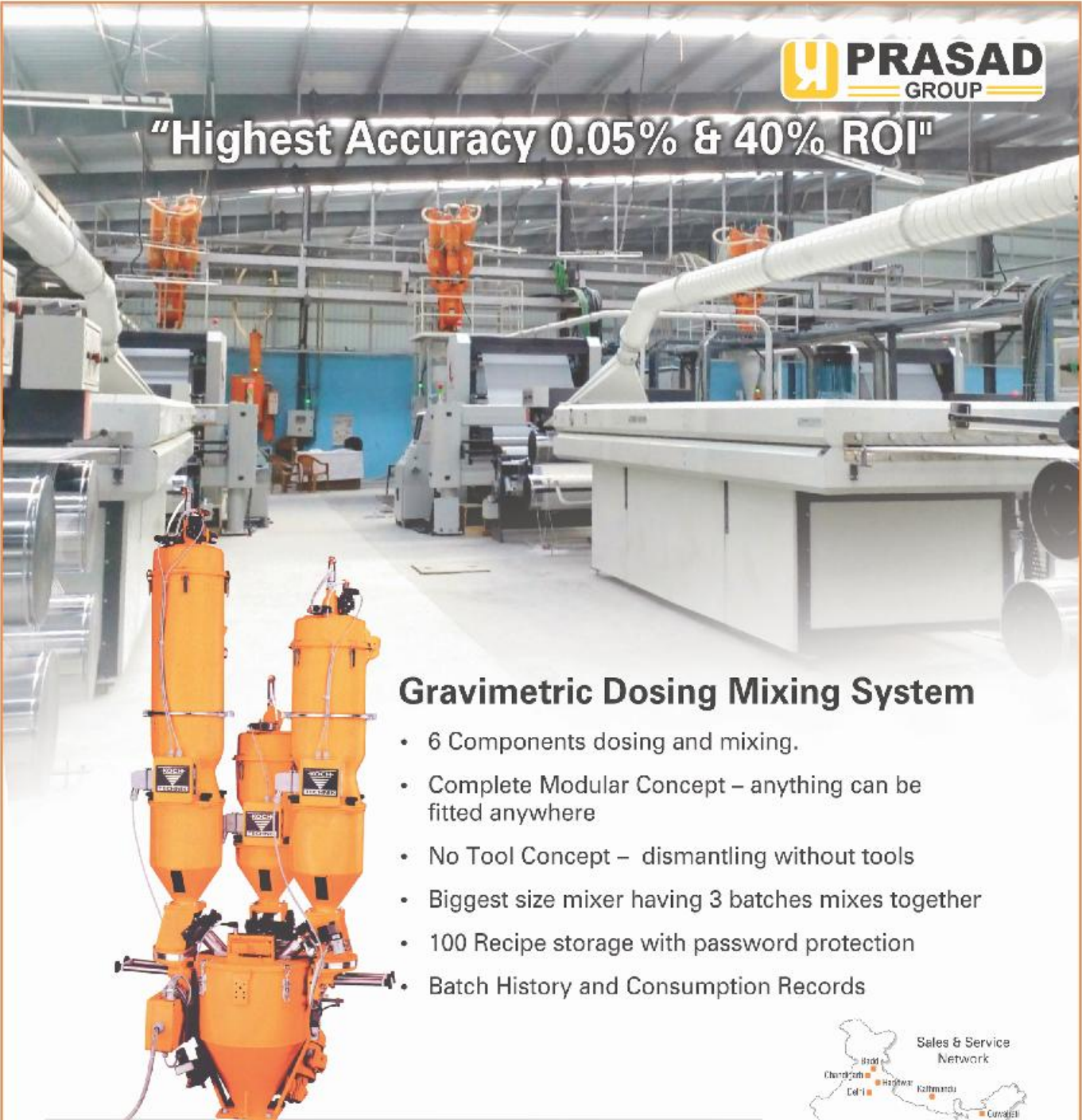


**WE USE ONLY
ORIGINAL & GENUINE**



**BEARINGS FOR OUR
SPARE PARTS**

"Highest Accuracy 0.05% & 40% ROI"



Gravimetric Dosing Mixing System

- 6 Components dosing and mixing.
- Complete Modular Concept – anything can be fitted anywhere
- No Tool Concept – dismantling without tools
- Biggest size mixer having 3 batches mixes together
- 100 Recipe storage with password protection
- Batch History and Consumption Records



PRASAD KOCH-TECHNIK PVT. LTD.

14 & 16, Phase 1, G.I.D.C. Estate, Vatva, Ahmedabad 382445, India
 Ph.: +91-79-2583 0112 / 2589 0687 / 2583 4323, Fax: +91-79-2583 0129
 E-mail: plastics@prasadgroup.com, Website: www.prasadgroup.com
 ISO 9001:2015 Certified



SALES & SERVICE NETWORK

West:

Mumbai : +91 22 28019300
 +91 9322143916
 Ahmedabad : +91 9377752617
 Vapi : +91 9328572963
 Pune : +91 9325401351
 Indore : +91 9827070528

North:

Delhi : +91 11 32907842
 +91 9310701081
 Haridwar : +91 9368308420
 Chandigarh : +91 9356377722
 Baddi : +91 9356666572

South:

Chennai : +91 44 23622230
 +91 9385344442
 Bangalore : +91 80 23144760
 +91 9341481016
 Hyderabad : +91 9346735965

East & East Exports

(Nepal & Bangladesh)
 Kolkata : +91 33 40083149
 +91 8697733735
 Guwahati : +91 9707580038

A Joint venture with M/s. Werner Koch Machinentechnik GmbH (Germany)

Economy through Automation



FOR WOVENSACK **INNOFLEX** **8800**

Flexo printing machine,
for printing on
Unlaminated and
Laminated PP
Woven Fabrics

PRADHANMANTRI

**Bhartiya
Jan Urvarak
Pariyojna**



Special Design For Multicolour Logo Print For Fertilizer

Speed

100 mtr. /min

To Print on Special Products :

- > Rice Bags
- > BOPP Bags
- > Multicolor Special Printing
- > Fertilizer Bags
- > Cement Bags
- > Flour Bags
- > Sugar Bags
- > PP, LD, HM Photogenic Printing Bags
- > Laminated or Unlaminated

FEATURES

- > Choice of printing both sides in 5+1, 4+2, 3+3 colour combinations.
- > A turret un-winder with facility to run the machine without stopping, while loading fabric rolls and unloading empty core
- > A surface winder, with provision to run the machine without stopping, while changing the wound fabric roll and placing fresh core.
- > An Edge Guiding System, with Ultrasonic Edge Sensor and Electric Actuator.
- > Chamber Doctor Blade System, with Ink Circulation System, shall be offered for all the stations, in lieu of Ink Roller System (Option)
- > Ceramic Anilox rollers with cells arranged at 200 to 300 lpi, with Special Mountings for Quick Changing (Option)
- > Tension Control System.
- > Page registration control adjustable manually to move the print drum radially.
- > Print drum Axial adjustment required using a hand wheel to adjust the printing location axially marginally. (for about 30 to 40 mm)
- > Hot air blower system, for drying the ink.
- > Main motor with VFD and control panel to have all the controls in a HMI panel, with running hours meter and Energy meter.
- > The working width shall be 850mm and the machine speed shall be 100m/min, with a maximum repeat length of 1200mm. The Stereo Roller Mountings shall be with quick release provisions, to facilitate easy changing of Stereo Cylinders.
- > Two Air Shafts to mount 75mm cores for the Unwinding side and Two Air Shafts of the same core size, for the Winding Side shall also be provided (Option)
- > 1 Ton Electric Rope Hoist, mainly for lifting print drums on both sides.
- > Static Discharge Provision & Corona Treater to provide up to 42 Dynes Treatment (Option)

INNOVATIVE FLEXOTECH PVT. LTD.

□ 436, Patel Avenue, S.G. Road, Thaltej,
Ahmedabad, Gujarat (India)

☎ +(91)-8347003307 , +(91)-9824096180

🌐 innovativeflexo

✉ sales@flexo.co.in, info@flexo.co.in

Product Detail

Cheese pipes are used in large numbers in woven sacks unit to wind/warp bobbins. This inexpensive item of often escapes the attention that is deserved while procurement.

Using our developed technology, We provide you

- ✓ Highly polished, mirror like finish inside & outside the pipe.
- ✓ Accurate Size & roundness. Inaccurate size causes slippage or seizure on the winding spindle.
- ✓ High Tensile Strength for Long Life.
- ✓ Advance Powder Coating both, inside and out side. It is usually used to create a hard finish that is tougher & thicker than different coating.
- ✓ 193 grams pipes with high tensile strength for saving power consumption and maintenance of Cheese Winder.



Contact Detail

☎ +91 98310 29551 / 98316 32512

✉ sachin@skeco.in,
s_k_enterprises@yahoo.com

🌐 www.skeco.co.in

📍 11, Kishan Lal Burman Road, Hanuman Tower
Bandhaghat Howrah 711106 (WB) India

Company Detail

S.K. Group was promoted by Late Sitaram Agarwal. The company was setup in 1986 at Kolkata, initial emphasis on manufacturing Cheese pipe. We are pleased to introduce Ourselves that we are leading manufacturer and exporter of **SK Brand Cheese pipe**. Technology, Quality, Innovation and Customer satisfaction are the four pillars of SK philosophy. We have been an established and popular company with an excellent track record for the best customer satisfaction. We have never compromised on the quality and the services provided to the customer. We believe in keeping the customers happy and providing them with products at a very competent price. We have an excellent staffs who will guide you with their best ideas by keeping in constant touch with your company and informing about the market trends.

We assure you peace of mind in terms of **Quality Products, Competitive Rates & Best Service** while dealing with us

Points To Keep In Mind Before Procurement Of Cheese Pipe. (Depends Upon Winder)

- 1) **Weight:** Should be between 195 gms to 280 gms per pc. (appx)
- 2) **Inner Dia:** Must be finished smooth & must be accurate in size & roundness. Inaccurate size and welding projection causes slippage or seizure on the winding spindle. It also causes damage to the holder components.
- 3) **Thickness:** should be that it gives optimum strength to pipe. Usually 1 mm to 1.5 mm thickness pipe is adequate.
- 4) **Strength:** The cheese pipe is subjected to high loop stress during winding and storage. The stress is due to two factors, the winding tension & the shrinkage tension. The adjustment of the cheese winder controls the winding tension and the latter is control by stabilizing adjustment of the tape plant. It is necessary to know in details the roles played by both kinds of tensions in the event of failure of pipe.

Grade	Description	Outer Dia. (mm)	Inner Dia. (mm)	Length (mm)	Weight (grams) ± 5 grams	Tensile Strength		
						Mpa.	Vpn.	Kgs/m ²
H	High Tensile Cheese Bobbins	37	35	218	195	529	167	54
H Supreme	High Tensile Cheese Bobbins	37	35	218	195	1362	431	139
H power	High Tensile Cheese Bobbins	38	35	218	260	578	183	59
H power Supreme	High Tensile Cheese Bobbins	38	35	218	260	784	248	80
H Lit	High Tensile Cheese Bobbins	36.8	35	218	160	1558	493	159



S.K. Enterprises
S.K. Engineering Co.
S.K. Exports Pvt. Ltd.

First Choice Of Your Production

**For Sample &
Current Offer
Please Whatsapp us on
+91 98319 39162**

H-Supreme 195 \pm 5 Grams
High Tensile Strength
Low Power Consumption
Mirror Like Inner Finish
Friendly Handing
Black Coating
Super Enamel
Available in Black or Plain

H- 195 \pm 5 Grams
Cost Effective
Mirror Like Finish
Light Weight
Available in Black or Plain

H- lit 160 \pm 5 Gramas
High Tensile Strength
Low Weight
Low Power Consumption
Super Enamel
Mirror Like Inner Finish
Steel Pipe of Aluminum
Weight

H- Power 260 \pm 5Grams
In Build Strength
Cost Effective
Steel Surfaced OD



COMPOUNDING SOLUTIONS

COST-EFFECTIVE WORLD CLASS PRODUCTS.

PRODUCTS

- Black & White Masterbatch
- Color Masterbatch
- UV Masterbatch
- Optical Brighteners
- Anti-Static Masterbatch
- Anti-Block Masterbatch
- Antimicrobial Masterbatch
- Anti-Oxidants

TAILOR MADE FOR ANY COLOR DEVELOPMENT.

APPLICATIONS

- Woven Sacks & for AD Star Fabrics
- Leno Bags
- Non-Woven Fabric
- Roto Moulding
- Injection Moulding
- HDPE Pipes/Deep Irrigation Pipes
- Multi-layer and Mono Layer films
- Mulch film
- LDPE/LLDPE/PP Lamination
- Shede nets



Adding Value to Plastics

Swastik Plastoalloys Pvt. Ltd.

FACTORY

Bengal Anmol South City Infrapark,
Plot No - B6 & B7 Mouza - Jagdishpur, Howrah 711 115,
Bus Stop - Chamrail / Joypur

CORPORATE & REGD.OFFICE

Swastik Building, 5th Floor, Nazul Islam Avenue,
Tegharia. (Opp. Haldiram VIP),
Kolkata - 700 157

Ph: +91 33 2573 6028/1484/4061 9098 | Mob: +91 9883 856 774 / +91 9831 839 138
Email: sales@swastikplastoalloys.com | Web: www.swastikplastoalloys.in
CIN: U25200WB2008PTC126984



Edge Hardened Steel Cheese Tubes

**HIGH STRENGTH AREA
WITH REQUIRED DUCTILITY**
(Resistance to compression)



SUPER HIGH STRENGTH AREA
(Resistance to Impact)

ADVANTAGES

- Provides resistance to deformation/dents due to handling.
- Life of the cheese pipe is improved.
- Cost of lifting the dents and removing deformation is avoided.
- The 'Per Cycle Cost' of cheese pipe is drastically reduced.

Size
37mm x 35mm x 218mm

A Lean Enterprise

Winner of Pradigious



MAKE IN INDIA
(2014-18)

Award from FICAAA



ISO 9001:2015



ISO 14001:2015



EN/AS 9100

**SIDDHI ENGINEERS 'SIDDHI HOUSE' 6, Virkunj Society, Nr. Vidyanagar School, Usmanpura,
Ahmedabad, Gujarat, INDIA.**

Tel: +91 93779 79021

E-mail: simktg@siddhiindia.com | slexp@siddhiindia.com

Website: www.siddhiindia.com

ARM STITCH™

SEWING MACHINE FOR AUTO BAG CONVERSION LINE



AS - 102 HS (YARN Stitching)

- High Speed, Flat Bed - Double Needle - Four Thread.
- Chain Stitch - Sewing Machine. For, Auto Bag Conversion Line



BS - 5200 (HDPE TAPE Stitching)

- High Speed - Flat Bed - Double Needle - Four Thread
- Chain Stitch Sewing Machine.
- For Auto Bag Conversion Line.
- Specially Designed For HDPE Tape Stitching.

NOTE: "AS-102 HS" & "BS-5200" can be installed on Conversion Lines of LOHIA, INNOVA etc. (Replacement of New Long "DKN-3W")

PP/HDPE WOVEN SACK SEWING MACHINE



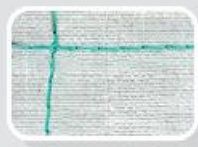
AS - 502 HD

- Double Needle
- Four Thread
- Chain Stitch
- High Speed Sewing Machine



MANUFACTURER OF INDUSTRIAL SEWING MACHINES SINCE 1990

FIBC/JUMBO BAG SEWING MACHINE



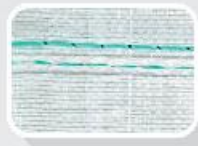
AS - 603 DR

- Single Needle - Plain Feed - Double Thread
- Double Locked Chain Stitch Sewing Machine



AS - 602 HR

- Single Needle - Plain Feed - Flat Bed - Double Thread
- Over seaming (Hiracla) Sewing Machine



AS - 606 UDDR

- Double Needle - Four Thread - Double Locked Heavy Duty Chain Stitch Sewing Machine with Lower feed & Alternating Upper feed.



AS - 802 VMC

- Double Needle - Four Thread - Chain Stitch
- High Speed Sewing Machine. For, SPOUT or SKIRT attachment.



AS - 902 HUF

- Double Needle - Four Thread - Chain Stitch Sewing Machine with Lower Feed & Alternating Upper Feed



Baffle Sewing

AS - 1002 LA

- Double Needle - Four Thread - Long Arm Chain Stitch
- Sewing Machine with Lower Feed & Alternating Upper Feed
- Specially Designed for Baffle Attachment of Container Bags.



SPECIALIST IN ALUMINUM CHEESE PIPES

- ▲ Light in weight & better strength as compared to MS Pipes.
- ▲ Being lighter in weight than MS pipes reduces vibrations maintenance & also save energy.
- ▲ Pipes extruded with harder alloy give better strength compared to Cold Drawn Pipes & MS pipes & gives higher operational life.
- ▲ Comparatively cheaper than MS & Cold Drawn Pipes (considering : investment, operational life & disposing i.e. scrape) considering equivalent life cycle.
- ▲ We supply extruded Aluminum cheese pipes plain i.e. mill finish or anodized or powder coated according the customers requirements. We have an In house anodizing plant which is capable of anodizing upto 25 microns.
- ▲ The most common reason for coating the cheese pipes is to provide a uniform reflection co-efficient for color detectors at the loom. Black is generally the preferred color for this purpose. Other colors can also be imparted on demand.
- ▲ Available in Dimensions ID /OD in mm : 110/120 , 90/102, 90/99, 90/98, 82/90, 80/88, 76/82, & 35/40. Special sizes can be developed to suit special requirements.

Manufacturer & Exporter

AARAV INDUSTRIES

430/B 1st floor GIDC Ind. Estate Makarpura Vadodara 390010 (Gujarat) India.

(M) 9227135383, Email: bhavishya4u@hotmail.com

Sewing Machines For HDPE Woven Sacks Bags



ST - 502 HD

Double Needle, Four Thread,
Chain Stitch Sewing Machine

Application :
PP, HDPE, Woven Sacks
Bag Stitching Machine.



Sewing Machines for Big Bags (FIBC)



ST - 6001 SUF

Double Needle, Four Thread,
Combined Overedging
& Chain Stitch (Safety Stitch)
Sewing Machine
with Lower Feed &
Alternating Upper Feed



ST - 6006 UDDR

Double Needle, Four Thread,
Chain Stitch Machine
with Upper and Lower Feed



ST - 802 VMC

Two Needle, Four Thread
High Speed
Sewing Machine



ST- 603 DR

Single Needle,
Plain feed
Double Thread,
Double Locked
Chain Stitch
Sewing Machine.



Belt Cutting Machine

Specifications :

- ◆ Belt Width : Adjustable from 45 mm to 100 mm.
- ◆ Machine Speed : 16 meters /min.
- ◆ Drive : Servo Motor.
- ◆ Power : Single Phase 1 H.P.
- ◆ Cutting Mechanism : By Hot Blade.
- ◆ Marking System : Contact Marking Ink.
- ◆ Air Pressure : 3 kg/cm².
- ◆ Man Power Required : Single Person.
- ◆ Belt Width : 35 mm - 8 Line, 45 mm - 8 Line,
55 mm - 8 Line, 75 mm - 4 Line,
100 mm - 4 Line, 50 mm - 8 Line,



ASH TECH

Automatic Belt Cutting with
Marking System For FIBC &
other Belt Material



Manufacturer & Exporter :

**Gabbar
Engineering Co.**

Plot No. 1903, Phase III,
'F' Road, G. I. D. C., Vatwa,
AHMEDABAD - 382 445.
Gujarat, INDIA.

Phone : 91 - 79 - 2593 0971
Mobile : +91 98240 82000 (Umesh Panchal)
E-mail : umesh@gabbar.com
Website : <http://www.gabbar.com>



ISO 9001:2015 certified



India's Most Trusted Masterbatch Manufacturer



PRODUCTS WE OFFER

Colour Masterbatch

Black Masterbatch

Filler Masterbatch

Additive Masterbatch

White Masterbatch

Fiber Masterbatch

ALOK MASTERBATCHES PVT. LTD.

alokmasterbatches.com | info@alokindustries.com



High Speed Needle Looms & Filler Cord Machines



Model No.

- 6ND- 30
- 8ND- 30
- 4ND- 50
- 6ND- 50
- 8ND- 50
- 4ND- 75
- 4ND- 85
- 2ND-100
- 4ND-100
- 2ND-110
- 4ND-110
- 2ND-150
- SD-608N
- SD-212N



PRODUCT RANGE

- ★ Belt for FIBC Bags
- ★ P.P Tapes
- ★ HDPE Monofilament Niwar
- ★ Fancy Niwar
- ★ Zipper Tapes
- ★ Elastic Bands
- ★ Cotton Tapes
- ★ Cotton Niwar



Manufacturer :



Global Industries

Ahmedabad, Gujarat. (India)

Plot No. 1108-4+5/2, Phase II, "D" Road, G.I.D.C. Industrial Estate,
 Vatva, Ahmedabad - 382 445. Gujarat. (India)
 Phone : 91- 079 - 2689 2298 - 8825 8453 Mobile : +91 98240 39000, +91 9727 399999
 E-mail : jayesh@amtrac.in • info@amtrac.in Web: http :// www.amtrac.in

Exporter :



Amtrac Industries Pvt. Ltd.
 Ahmedabad, Gujarat. (India)

Inking Your IMAGINATION

Vyankatesh Udyog (I) Pvt. Ltd., is Central India's one and only the state of art plant with 100% Automation manufacturing facility for Printing Inks & Thinner, with a monthly manufacturing capacity of 360 MT inks. VUIPL Inks have become one of the leading manufacturers of printing inks in India within the set up of about 5000 sq mtr at MIDC Nagpur. VUIPL Inks has come a long way and is now one of the ace printing Ink Company.



Manufacturers of :

- Flexographic Glory Inks for (PP, FIBC & HDPE Fabrics)
- Polypropylene Block Bottom Valve AD-Star Bags Inks
- Gravure Polyester Lamination Inks
- Gravure BOPP Extrusion PP Lamination Inks
- Gravure Printing Inks for Reverse Printing (Shrink PVC & PET Shrink)
- Gravure Bopp Pearlized Surface Printing Inks
- Flexo/Gravure Poly Inks (Surface Printing)
- Kraft Paper Inks, Non-Woven Inks & Heat Resistance Foil Inks
- Gravure/Flexo-NC PU Inks (Toluene & Mek Free)
- Gravure NT NK inks
- Security Inks for all printing substracts.
- Metal Stamping Logo Inks (Galvanizing Sheet)
- Flexographic PP woven Water base inks surface printing (Upcoming product)
- Flexo/Gravure Poly Deep Freeze Inks (Surface Printing)



Since 1986

VYANKATESH UDYOG (I) PVT. LTD.[®]

Mfg. Exporter of all Kinds of Flexo & Gravure Printing Inks.

Regd. Office and Factory Address

Plot No. M-12/ 1, 2, 3, M.I.D.C., Hingna, Nagpur - 440016. (Maharashtra) INDIA.
Phone : (0) 07104 - 237131/32, 7744811131, Fax: 0712-2241048
Email: vyankateshudyog@gmail.com Website: www.vyankateshinks.co.in



Revolutionizing construction with chemistry

DR.CONCRETE is one of the reputed manufacturers and suppliers of Speciality construction chemicals for pre and post construction usage in the Construction Industry Ready Mix Concrete Industry, Road Projects and Industrial Projects across the Indian Subcontinent, we are very well known for Excellence of our products.

Mfg. of Construction Chemicals & Concrete Protective Coatings

Product Range

- Concrete Admixtures
- Corrosion Inhibitors
- Protective coatings
- Epoxy grouts & Mortars
- Repairs & rehabilitation products
- Industrial Flooring
- Concrete road repairs
- Structural Strengthening

VYANKATESH CHEMICAL INDUSTRIES

Reg. Office Address :

Plot No. 26, Hill Road, Gandhi Nagar
Nagpur - 440010 (M.S.) INDIA

○ www.drconcrete.in

Reg. Factory Address :

Factory KH No. 74, Balhil Mohegaon, Post - Bulbori
Wardha Road, Nagpur - 440010 (M.S.) INDIA

○ Info@drconcrete.in ☎ +91 86687 89279

PASSION FOR SOLUTIONS



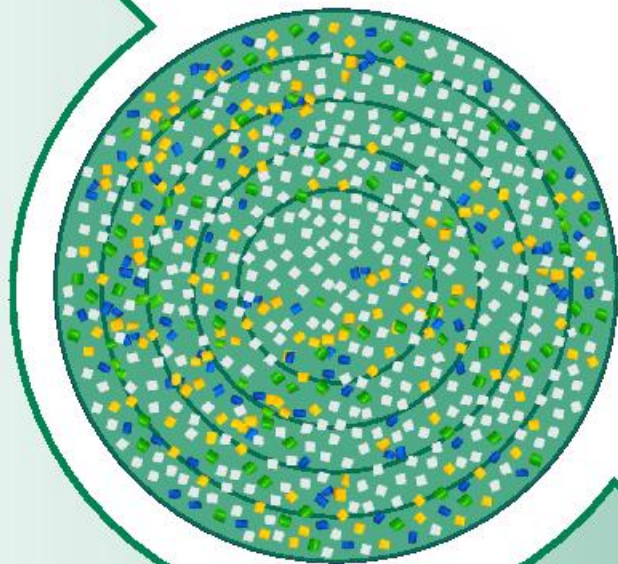
RECYCLING LINE

recoSTAR universal TX

- for in-house woven PP production scrap
- integrated ACTIVE shredder
- “smooth cut” ensures efficient precutting
- robust and high-performance design
- easy accessibility and fast maintenance

Designed for the in-house processing of all kinds of materials and different shapes from woven bag production without additional pre-cutting. State-of-the-art recycling technology with extended functionality, designed for high production efficiency and energy savings.





GRAVIMETRIC BLENDERS

Because perfection is a requirement.

Elevating the standard in mixing, where every blend is meticulously crafted to perfection. Precision isn't just a feature; it's a requirement.



Achieve
Perfect
Blends



Unwavering
Consistency
Every Time



Reliable
Operations

For unmatched blending, accuracy and quality.

Nu-Vu Conair Private Limited

Plot No. 147 & 148, Devraj Industrial Park, Piplaj - Pirana Road, Piplaj, Ahmedabad - 382405

Phone: +91 79 2970 8147, +91 97129 28201, +91 90990 76206

Email: marketingindia@conairgroup.com | Website: www.conairgroup.in | [f](#) [in](#) [v](#)



(An ISO 9001:2015 Certified Organization)

Tape Winder series INVERTA 45



Speed upto 500 metres/min

Power consumption 45 Watts

Low maintenance

Electronic Wind-Ratio

***Investment
Energy
Production***

EFFICIENT

Registered Works & Office

LEXON Winders
251, Gorhe Budruk,
Pune 411042, INDIA
Ph : +91(20)24389040
Fax : +91(20)24389190

LEXON



Website
www.lexon.in

E-mail:
sales@lexon.in

ISO 9001: 2015

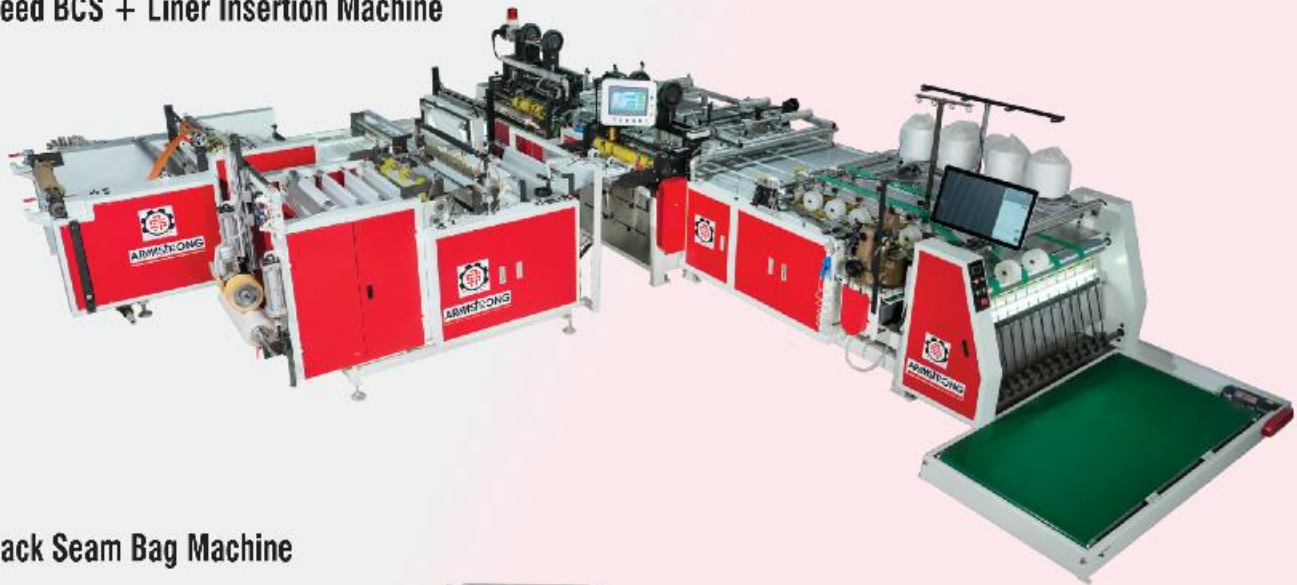


High Speed L-Type BCS Machine with Twist Gusset

PP/HDPE Woven Bag Cutting & Stitching Machine



High Speed BCS + Liner Insertion Machine



Tuber Back Seam Bag Machine



High Speed Automatic Machine for Back Seam Glue Based Bag for BOPP Laminated Woven Bags with Gusset Unit Inbuilt.

SINCE : 1982



ARMSTRONG
DO BUSINESS LIFELONG, WITH ARMSTRONG

Office :

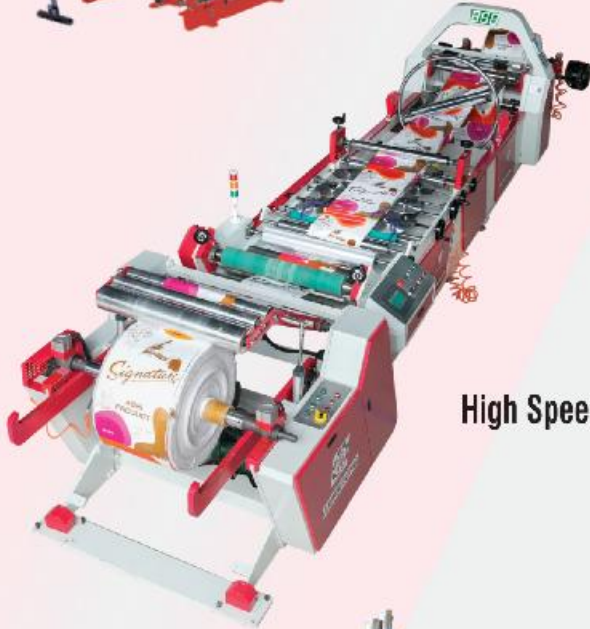
601-"SARAP" Opp. Navjivan Press, B/h. Gujarat Vidyapith, Ahmedabad-380014, India

Factory :

A2/502-1, Opp. Indo German Tool Room, Phase-4, G.I.D.C., Vatva, Ahmedabad-382446, India

& FLEXIBLE PACKAGING BAG MAKING MACHINERY

PINCH tek-40 Fully Automatic Conversion Line



High Speed Gusset Machine

Ultrasonic Hemming Machine



ORSAN
WPS



4000H



SS 3000-2H



4700-2 Specially for BCS line

JUKI LU 1510-N



NEWLONG



DN | DKN SERIES

ARMSTRONG ST 502 BCS





**PolyPropylene
Bag Closing Threads**



Leno Bags



Fibrillated Twisted Threads-Food Grade FIBC





Multifilament Twisted and AIM Yarn

FEATURES

- ◆ Excellent Brightness and Softness
- ◆ Various Deniers
- ◆ High Breaking Strength
- ◆ High GPD
- ◆ Custom Size and Packages
- ◆ Possibility of Anti-Dust Mite Treatment
- ◆ Possibility of Flame Retardant Additive
- ◆ REACH & RoHS Compliant

WHY BUY FROM KPPL?

-  ON TIME DELIVERY
-  QUALITY CONTROL
-  DEDICATED TEAM OF PROFESSIONALS
-  QUICK TURN AROUND TIMES

KALYANI POLYMERS PVT LTD.

AN ISO 9001 : 2015 COMPANY



#46/1, 11KM OFF Kanakapura Road, Doddakallasandra, Bangalore - 560 062, India.

Ph: +91-80-40991198 / 40991001 Mobile: +91-9902161212 / 9886480224

Mail: info@kalyanipolymers.com Website: www.kalyanipolymers.com

Future of Plastics in India: Virgin vs. Recycled

By Dr. Prakash Kumar Khemani
Vice President



India's plastics industry stands at a pivotal juncture, balancing between traditional virgin polymers and increasingly essential recycled materials. This shift is particularly evident in segments like small bags made from woven technical textiles, where the choice between virgin and recycled plastics has significant implications. This article delves into the current industry landscape, environmental sustainability, regulatory environment, economic factors, technological innovations, industry

adoption practices, and emerging trends in India's plastics sector, offering key insights for industry professionals and policymakers.

Industry Overview: Virgin and Recycled Plastics in India

India is among the world's top plastic consumers, with annual polymer consumption between 16–18 million tonnes, and historical annual growth of 8–16%. While per capita plastic use (~11 kg/person) remains below global



averages, indicating significant growth potential, consumption of virgin plastics could hit 20 million tonnes by 2030.

Globally, virgin plastics dominate with approximately 90% market share, a pattern mirrored in India despite an impressive 60% recycling rate driven by an extensive informal recycling network. However, recycled plastics predominantly find usage in lower-value applications, while high-quality plastic products remain reliant on virgin resins. The recycled plastics market in India, valued at approximately USD 4.25 billion in 2024, is projected to grow at a CAGR of 4.6% to reach USD 6.5 billion by 2033. Recycling capacities are also expanding, expected to rise from 9.9 million tonnes (2023) to 23.7 million tonnes by 2032.

A notable segment reflecting this change is woven technical textile bags, commonly used for packaging cement, fertilizers and food grains. Traditionally manufactured from virgin polypropylene (PP) for reliability, producers are now integrating recycled PP resins, aligning industry practices with sustainable, circular economy principles.

Sustainability Factors: Virgin vs. Recycled Plastics

Recycled plastics significantly reduce environmental impact, cutting carbon emissions by 30–50% compared to virgin plastics. Virgin plastic production, reliant on petrochemicals, results in higher greenhouse gas emissions and substantial resource use. With India generating approximately 26,000 tonnes of plastic waste daily, the recycling industry mitigates pollution and waste accumulation in landfills and oceans.

Recycled PP, for instance, emits nearly 42% fewer emissions than virgin PP. However, challenges remain, such as contamination and quality control in recycling processes. Still, brands like PepsiCo have reported notable GHG emission reductions (around 40%) by adopting recycled packaging materials.

Regulatory Landscape: Policies Driving the Shift

Indian policymakers have implemented robust regulations incentivizing recycled plastics and discouraging virgin plastic use:

- ▲ **Extended Producer Responsibility (EPR):** Under amended Plastic Waste Management Rules (2022), producers must incorporate set percentages of recycled plastics in packaging, starting with 30% in rigid packaging by 2025–26 and rising to 60% by 2028–29. This regulation significantly boosts demand for recycled plastics.
- ▲ **Single-Use Plastic Bans:** Since July 2022, India banned numerous disposable plastics, including thin plastic carry bags under 120 microns thickness. These actions are driving manufacturers and consumers towards recyclable or reusable products.
- ▲ **Import Restrictions:** A 2019 ban on importing PET waste ensures domestic recycling streams are prioritized, while government programs like the “Waste to Wealth Mission” further support recycling innovations and infrastructure.

Economic Viability: Balancing Costs and Profitability

Economics remains a determining factor. Traditionally, virgin plastic's affordability

has prevailed, driven by petrochemical industry scale and low-cost feedstocks. Yet, growing demand, compliance costs, and consumer preferences have elevated recycled plastics' economic viability. Recycled plastics prices have sometimes equalled or surpassed virgin resins, especially in high-quality applications. Investments in recycling infrastructure, vertical integration by businesses, and sustainability-driven market positioning are closing the economic gap.

Companies are now viewing plastics through the lens of total lifecycle cost and brand image. Early adopters of integrated recycling infrastructure are likely to secure long-term competitive advantages, insulating themselves against raw material price volatility and potential carbon-related regulatory risks.

Technological Innovations: Transforming Recycled Plastics

Innovations in mechanical and chemical recycling processes are bridging quality gaps. Advanced sorting, extrusion, and filtration techniques yield recycled polymers with properties nearing virgin quality. Chemical recycling (e.g., Reliance Industries' pyrolysis methods) transforms previously unrecyclable plastics back into near-virgin materials. Technological advances in recycling for technical textiles, particularly woven PP bags, have shown potential for achieving robust strength standards with recycled materials. Startups and collaborations, including digital sorting technologies and advanced compatibilizers, facilitate widespread adoption of recycled polymers, opening possibilities for use in woven technical textiles.

Industry Adoption and Future Trends

Adoption of recycled plastics is accelerating across India's plastic industry. Companies like PepsiCo, Unilever, and packaging manufacturers now actively integrate recycled materials into their products. Challenges — such as maintaining recycled polymer quality, securing supply chains, and regulatory compliance—are gradually being resolved through technology, collaboration, and better industry practices.

The future trends point towards stricter regulations, increasing recycled content mandates, enhanced enforcement, consumer-driven sustainability, and stronger global market linkages. India might soon see recycled polymers becoming mainstream commodities, supported by standardized recycling grades and broader adoption of circular economy principles. By 2030, significant plastic production capacity may shift towards recycled or bio-based feedstocks.

In conclusion, India's plastic industry is moving decisively toward a sustainable, circular future. Leveraging recycled plastics in products like woven PP bags represents not just environmental responsibility but also economic foresight. Businesses must adapt proactively — investing in recycling technology, optimizing product design, and forging strategic partnerships — to thrive in this evolving landscape. Policymakers, similarly, must continue crafting supportive policies to enable this essential transition, setting India on a path to sustainable plastics use and global competitiveness.





Leadership Through Excellence



GRAVIMIX®

No.1 Choice of Raffia Industry in India

Salient features

- Gravimetric Blender with ERP software
- Single control for multiple extrusion lines
- Hassle free production data management
- Best dosing accuracy down to .01%
- Zero maintenance MOC , SS-304
- Patented easy cleaning system
- +500 Installation in Raffia industry

Your benefits

- Production cost saving upto 5%
- Freedom from man made errors
- Uniform quality consistency
- Best plant aesthetics optimum space utilisation
- Return on investment less then 1 year



Gravimix with InLine Drying



Central Drying & Conveying



Gravimix Floor Mounted



GSM control for Extrusion Lamination



Turnkey Automation



Aerodry Plastics Automation Pvt. Ltd.

F-52 & 53, Sector-XI, Noida-201 301 (India), Tel. : +91-120-4766777

Joint venture with **Ferlin** B.V of the Netherlands

info@aerodry.com
www.aerodry.com



Indian Federation of Woven Technical Textiles

**President, Office Bearers and
Management Committee Members Wishes**

Happy Holi

**to all Members,
Advertisers & readers of magazine.**





*The following organization have become new member of our Association.
The President and Managing Committee extend warm welcome to new member.*

M/s. C. TRIVEDI & CO.

A1/16, GIDC Estate, Phase-2, Vatva, Ahmedabad - 382445
GUJARAT

Mr. Nigam Trivedi – 9825326286
Mr. Bharat Trivedi – 9825038315
Paresh Panchal Trivedi – 8155089022

info@ctrivedi.com | ctrivedi@ctrivedi.com



Editor & Publisher : Aruna

Owner and Place of Publication :

Indian Federation of Woven Technical Textiles

213, Richmond Towers, 12, Richmond Road, Bengaluru - 560 025

Phone : 080 - 22234603, 6360092285

E-mail : accounts@iftex.in

Printed by : **Shreyas Creations**
Smt. Kalavathi V.K.

No. J 73, 2nd Cross, Anjaneya Block, Sheshadripuram, Bengaluru - 560 020

M : 84537 71784, E : kalashreyas70@gmail.com



- The views expressed in this publication are not necessarily those of the Association.
- This Association represents the Woven technical Textile Manufacturers in the Country. All of them stand solidly behind it.
- Ever since it was established in 1971, the Association has focused attention on the problems and difficulties faced by the Woven technical Textile Industry and has solved several of them.
- Members are requested to contribute articles on subjects that have a bearing on Woven technical Textile Industry in particular and PP / HDPE Industry in general. They will be published if they conform to the accepted standards. Letters to the Association and suggestions for improvement of this publication are welcome.
- For private circulation among members only.

**THE POWER
TO RECYCLE.
THE POWER TO
CHANGE THE
WORLD.**



Transform your business for the better, unlock the potential of recycling with Lohia Corp's **ReclaMax** and **ReclaPro**. Explore a smarter, proactive way to achieve business growth and sustainability.



ReclaMax



ReclaPro

- Reclaims maximum output from polyolefin waste
- Single-step solution
- Waste converted into quality recycled pellets
- User-Friendly design
- Maintains ecological sustainability

To know more: ✉ sales@lohiagroup.com ☎ +91 5123045100



**SHACKLED
UP BY
WASTE?**



Be responsible. Recycle.

