Achieving

Complexity

with Simplicity

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KANPUR PLASTIPACK LTD

ACHIEVING CERTAINTY IN UNCERTAINTY WITH SUSTAINABILITY

RELIABILITY | QUALITY | CAPACITY

The packaging industry; is an industry where there is always a quest for Certainty in Uncertainty. Due to massive capacity buildup in the last lustrum across the globe, everyone claims to be the best, but sifting the best from the rest can be arduous for buyers across the globe.

With over 5 decades of successful operation in Industrial Bulk Packaging, Kanpur Plastipack Ltd. possesses the Reliability, Quality, and Capacity to fulfill our customers' requirements and put them at ease. Our service to over 20 customers for over 15 years has been a testament to our efficacy. Also, with our 100% vertically integrated manufacturing units we have immense control in the manufacturing of our products in terms of quality, production scale & management.



Over 10+ million
Flexible Intermediate Bulk Container (FIBC)s produced per annum

Serving
20+ Customers
for 15+ years

Global presence
45+ Countries

5 manufacturing
Units

50+ years
of Industrial Bulk Packaging Experience

800,000 Sq. ft
area covered

Fulfilling
70% of our Energy
requirements from Solar installations

3000+
Employees

Stock Exchange
(NSE/BSE) listed

2020 — Commissioned UV Masterbatch plant

Begun PP MFY manufacturing — **2011**

2008 — Estd. Of Finishing unit for FIBC

Begun manufacturing of FIBCs — **2000**

1988 — Achieved ISO 9002:1994

1st to export PP Woven sacks — **1986**

1980-85 — Imported high-end European Machinery for Extrusion & Weaving

Established — **1971**

MOTHER NATURE: THE BEST PACKER

Well, the best packer in the world is none other than Mother Nature. Nature's approach to packaging has always influenced us since our inception over 50 years ago.

Why aligning disparate philosophies into one is a must?

The lineage you leave behind must carry a legacy that inspires people to achieve Growth with Innovation and Sustainability thus when designing our products, we strive to create products that are functional, sustainable, and of unmatched quality to not just meet but exceed customers' expectations, keeping our commitment to mother nature intact.

Standardization with Complexity in the industry is inevitable, but how to achieve it?

The answer lies in achieving Complexity with Simplicity, it's the manufacturing processes that need revamping with more efficient and effective ways to produce products in less time, maintaining consistent quality, reducing downtime, and reducing cost, which is ultimately the objective everyone trying to achieve.

The significant growth in our recent past thanks to focus on technology absorption like AI, IIOT Devices, and streamlining the manufacturing of Flexible Intermediate Bulk Containers (FIBCs) with lean methodology and the theory of constraints is a testament to how important it is to accept change with time.



Let's achieve Complexity with Simplicity.

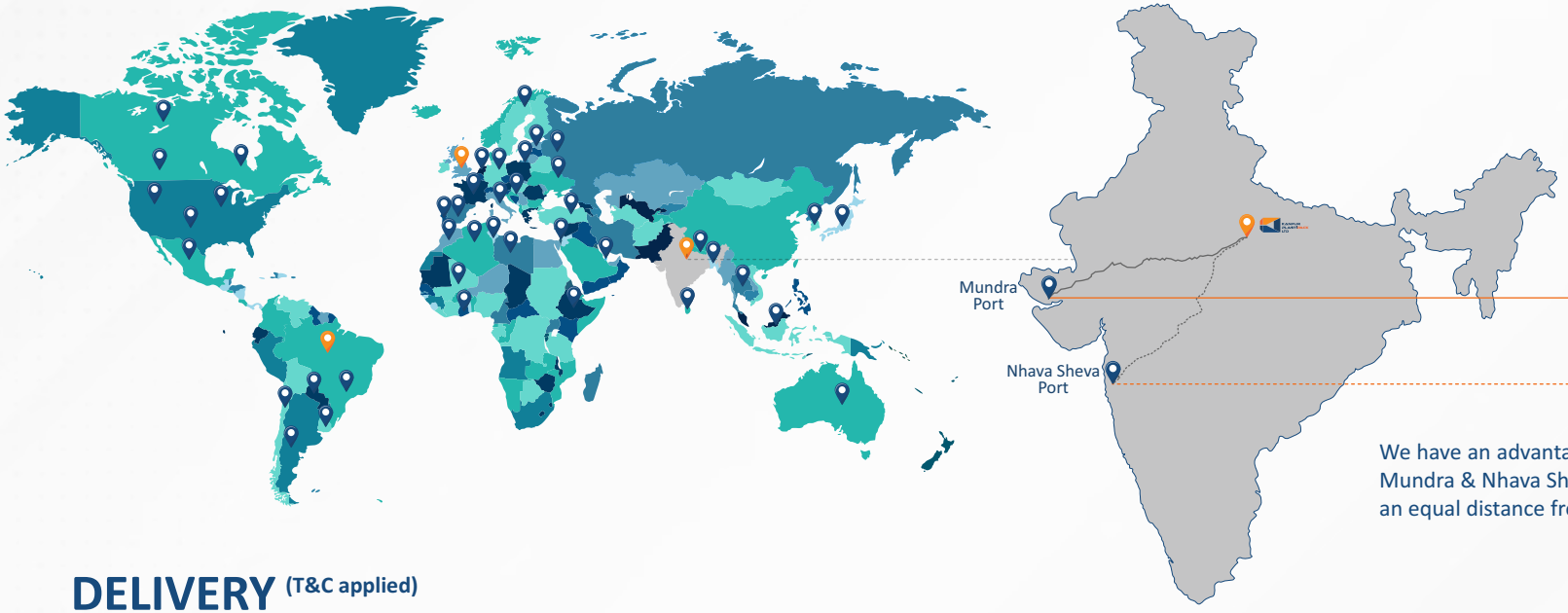
Welcome to Kanpur Plastipack Ltd.



REACHING THE HORIZONS OF THE GLOBE WITH GLOBAL PRESENCE

The world has become close-knitted for us, due to our global presence by serving in 5 continents, in 45+ countries across the globe. One of the indispensable reasons for global demand is our capability to manufacture highly complex Flexible Intermediate Bulk Container (FIBC)s designs which eases them with us being their one-stop-shop solution with the capability to deliver their products on-time.

Germany	Spain	Sweden	The Netherlands	United States	Brazil
Italy	France	Belgium	United Kingdom	Canada	Japan & more



We have an advantageous location as both Mundra & Nhava Sheva Ports are almost at an equal distance from our finishing unit-2.


Mundra Port


Nhava Sheva Port

DELIVERY (T&C applied)

The reach has got further escalated in many countries across the European continent due to swifter delivery of shipments, with KANFAST.
Be SuperFast with KANFAST



	KANFAST	STANDARD
Dispatch	2 Weeks (10-14 working days)	4-6 Weeks
Status update every day	Daily	Weekly
Customer support	7 AM to 11 PM (IST)	10 AM to 7 PM (IST)
MOQ	No MOQ Criteria	MOQ Applied
Hot loading for each dispatch	Yes	No
Detention free time	7 days	No

For more details visit: https://kanplas.com/en/kanfast

DECODING COMPLEXITY WITH SIMPLICITY

KANPUR PLASTIPACK LTD

In the world of industrial bulk packaging, Flexible Intermediate Bulk Container (FIBC)s stand out as the most intricate and diverse products due to a multitude of design options. Manufacturing the most complex designs of Flexible Intermediate Bulk Container (FIBC)s is what we are generally known for, but we are more.

Our products are the result of our vertically integrated manufacturing process.

EXTRUSION	WEAVING	COATING	PRINTING	LINER PLANT
8 Tape extrusion lines with a capacity of 81.5 MT/day	With a huge capacity of 232 Circular Looms = 73 MT/day 38 Sulzer Looms = 7.1 MT/day	6 lamination plants with a capacity of 6.4 MT per day	7 printing machines with capacity of 22.5 MT/day with 4 colors	Liner plant with a capacity of 6.0 MT/day

Types of Bag



Type A Bag



Type B Bag



Type C Bag



UN Bag

Applications of FIBC Bags

Complex Flexible Intermediate Bulk Container (FIBC) bag designs that cater to a multitude of packaging applications ranging from food grade to non-food grade applications. We serve you from grains to gains with the prowess of our bags to bear heavy loads here and there for you!



Manufacturing the most complex bag designs as per customers' requirements has been our key differentiator. From U-panel, Q Bag, Juki, Drum bag, Builder and many more bag designs has been our offering to our customers.

Following this, we do also two types of stitching namely:

- **Combined overlock or herakle & Chain stitching**
- **Lock stitching***



U Panel



Circular/Juki



Drum Bag



Q or Baffle



One-two loop



Builder Bag & more

WEAVING THE WORLD WITH PP WOVEN FABRIC

With a rest assured capacity of 80.1 MT/day we are weaving with the world with swathes of PP Woven Fabric. We manufacture PP Woven Fabric in a BRCGS A+ certified facility, which is testament of our commitment to food safety standards.

Types of PP Woven Fabric we produce:

Circular Fabric:- Width:- 30 cm to 225 cm I GSM:- 37 to 240 GSM

- Available in various colors
- With and without UV stabilized
- Weave pattern - Plain, Twill & Satin
- Easy to clean & Anti-bacterial
- 100% Weatherproof
- BOPP Taping on the edges

Sulzer Fabric:- Width:- 65 cm to 360 cm I GSM:- 140 to 250 GSM

- Geo Fabric
- Leno Fabric
- Mesh Fabric



Boasting a significant market-share in the fabric market in Latin America & other regions in the world our customers stay rest assured about their orders thanks to 24*7 customer service & support we provide!

Low GSM Fabric for Small Bags
Width: 60 cm
GSM: 90
Mesh: 11x11



Tubular Fabric for Big Bags
Width: 150 - 200 cm
GSM: 140 - 240
Circumference: 300 - 400 cm
Mesh: 11.5 x 10.1



Low GSM Fabric for FIBC Spouts
GSM: 50 - 70
Mesh: 10 x 10



Low GSM Fabric for Small Bags
GSM: 50 - 70
Mesh: 10 x 10



Sulzer PP Fabric for Big Bags
GSM: 140 - 250
Width: 65 - 360 cm



HIGH TENACITY FULLY DRAWN PP MULTIFILAMENT YARN

KANPUR PLASTIPACK LTD

Our diverse PP Multifilament High Tenacity Fully Drawn yarn range is crafted from Polypropylene on Austrian SML Lines. Choose from a variety of vivid colors and enjoy customization options.



Denier Range	210 to 4000 D, Flat, Air Intermingled & Twisted With & Without UV.
Colors	Available in over 200 colors and customised colors.
Tenacity	6.0 GPD to 7.0 GPD.
Specific Gravity	The specific gravity of PPMFY is 0.91, which is lower than Nylon & Polyester. So under the same weight conditions, one gets more length of PPMFY.
Cleanliness	PP MFY has low moistening characteristics. So it is very easy to clean.
Chemical Resistance	It gives excellent resistant to Alkali and Acids.

Multifilament has greater strength and a higher modulus thus it is more flexible than monofilaments at an equivalent linear density. Round filaments have a higher packing fraction than structured cross-sections which offer higher bulk thus making PP Multifilament tough, low gravity, stain-resistant, and durable material



Austrian SML Line with capacity of 9000 MT annually

Applications of PP Multi-filament Yarn:



FIBCs



Narrow-Woven Fabric



Polypropylene



Saddler



Fencing



Shoe Laces



Sewing Threads



Skipping Rope



Floor Rug



Safety Harness



Mooring Rope



Rock Climbing

OTHER PRODUCTS

UV Masterbatch

As you know, just 2% UV enhances product life & safety by 80%. With a massive capacity of 1800 MT annually, find the UV Master-batches that matches your needs.

We produce the following types of UV Masterbatch:

- Food grade UV
- Non-food grade UV
- With-White TiO2 as well









Applications of UV Masterbatches:

- FIBC bags
- PP Woven fabric
- Greenhouse film
- Drums
- Roto moulded water tank
- Shade net
- Tarpaulin
- MFY
- Moulded crates, etc
- Garbage cans
- Garden furniture
- Outdoor articles



Liner

Liners are a sine-qua-non part of industrial bulk packaging especially FIBCs, besides extensive in-house use, with a massive 2000 MT annually



We offer wide range of Liners like

- Lay-Flat PP / PE Liners
- Bottle Shape Liner
- Conductive Liner
- Heat Resistant Liner
- Antistatic Type-B Liner

PRE-EMPTING THE CONTAMINATION WITH PRE-EMPTIVE ACTIONS

Prevention Of Thread Contamination

Thorough inspections, proper equipment maintenance, hygiene practices, and employee training to mitigate any possible hazards aimed at to delivering a Highly Finished Product to our customers as been our prime focus.

As we know, Small Threads cause big problems, but we're here to stop them.



Fabric Cutting with Ultrasonic cutter



Stitching with pneumatic machines



Light Table Inspection



Vacuum Trimming



Air washing/cleaning



Metal Detection

THE BEST WAY TO PREDICT THE FUTURE IS TO CREATE IT
INDUSTRY 4.0 THE DIGITAL TRANSFORMATION

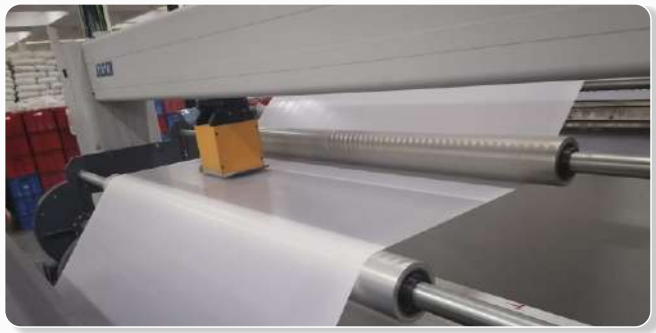
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Indeed, you heard it right. The winds of change are sweeping through every facet of our world, reshaping the very core of how we work, create, and serve. Industry 4.0 is the catalyst, driving radical advancements in customer service, manufacturing, and beyond. Welcome to the future of transformation. Automating processes and refining manual processes have been an integral part of our philosophy.

Digitally Integrating manual systems & automating many manual processes which significantly proliferates affinity to desired industry standards has been a game changer for us.



A data-driven approach to manufacturing



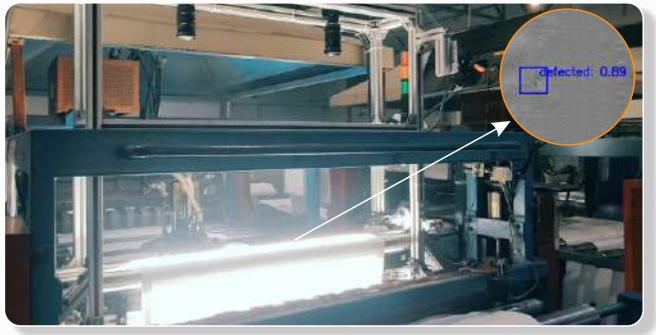
Use of Beta Gauge System for consistent thickness of fabric



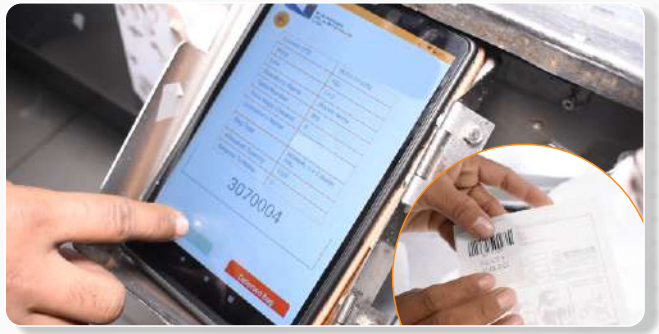
Real time production monitoring system



Use of IIOT devices on looms to reduce downtime



Use of Artificial Intelligence to detect defects in the fabric



Digital Integration of Shopfloor for transparency & traceability

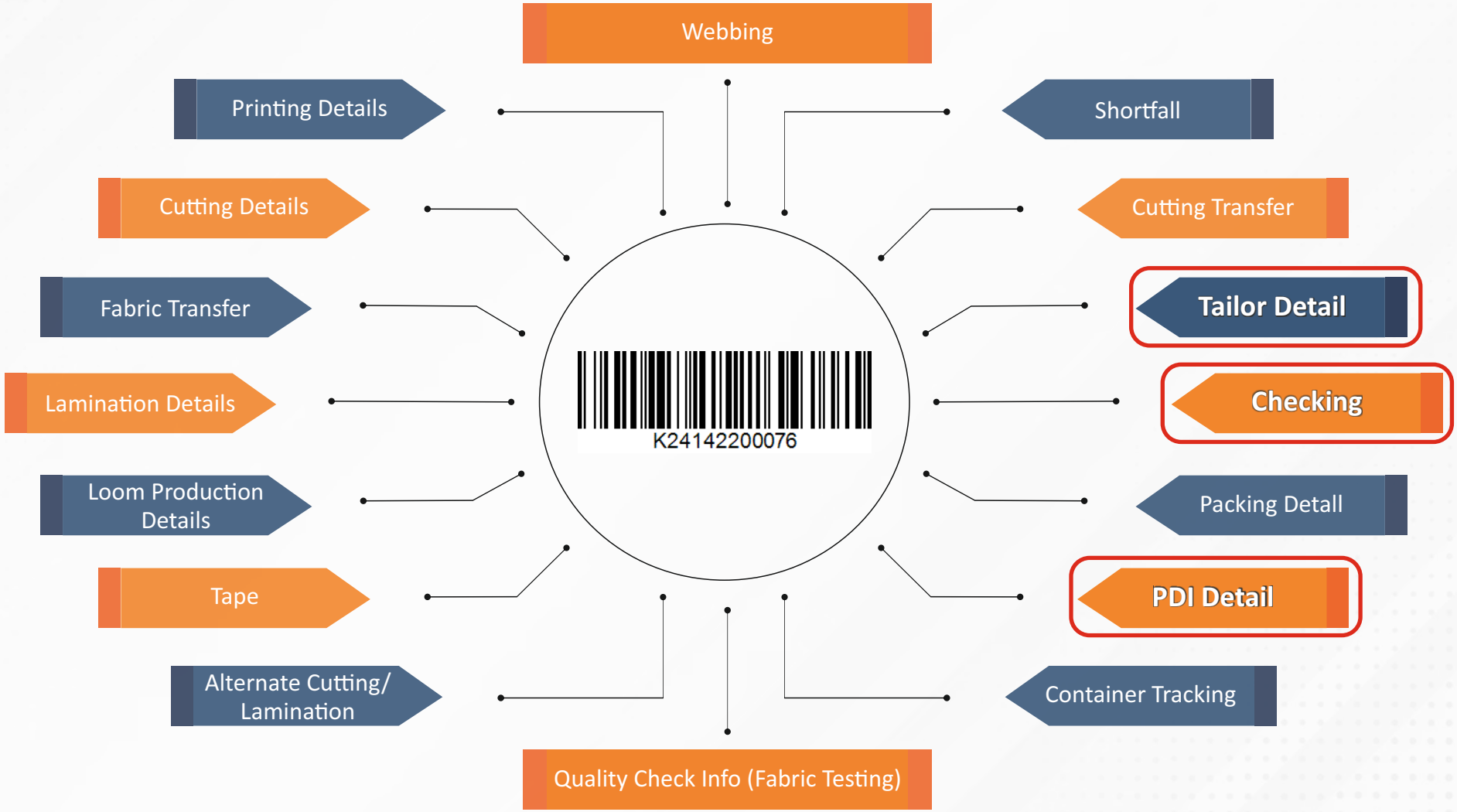
Over the last couple of years, we have integrated the above technologies to our manufacturing facilities. Our tech. Absorption is one of the reason our customers are assured of the quality of products, and on-time production of the bags they need.

BARCODE TRACEABILITY

Each bag is assigned a **unique barcode** for end-to-end tracking, ensuring **real-time monitoring, accurate bag counts,** and **quality control.** Our system records **manufacturing history, defect trends, and repair data,** enabling proactive improvements. **Tablet-based defect logging** and **automated scanning at key checkpoints enhance process efficiency.**

By leveraging **data-driven insights,** we ensure **consistent quality and defect reduction,** delivering superior products to our customers.

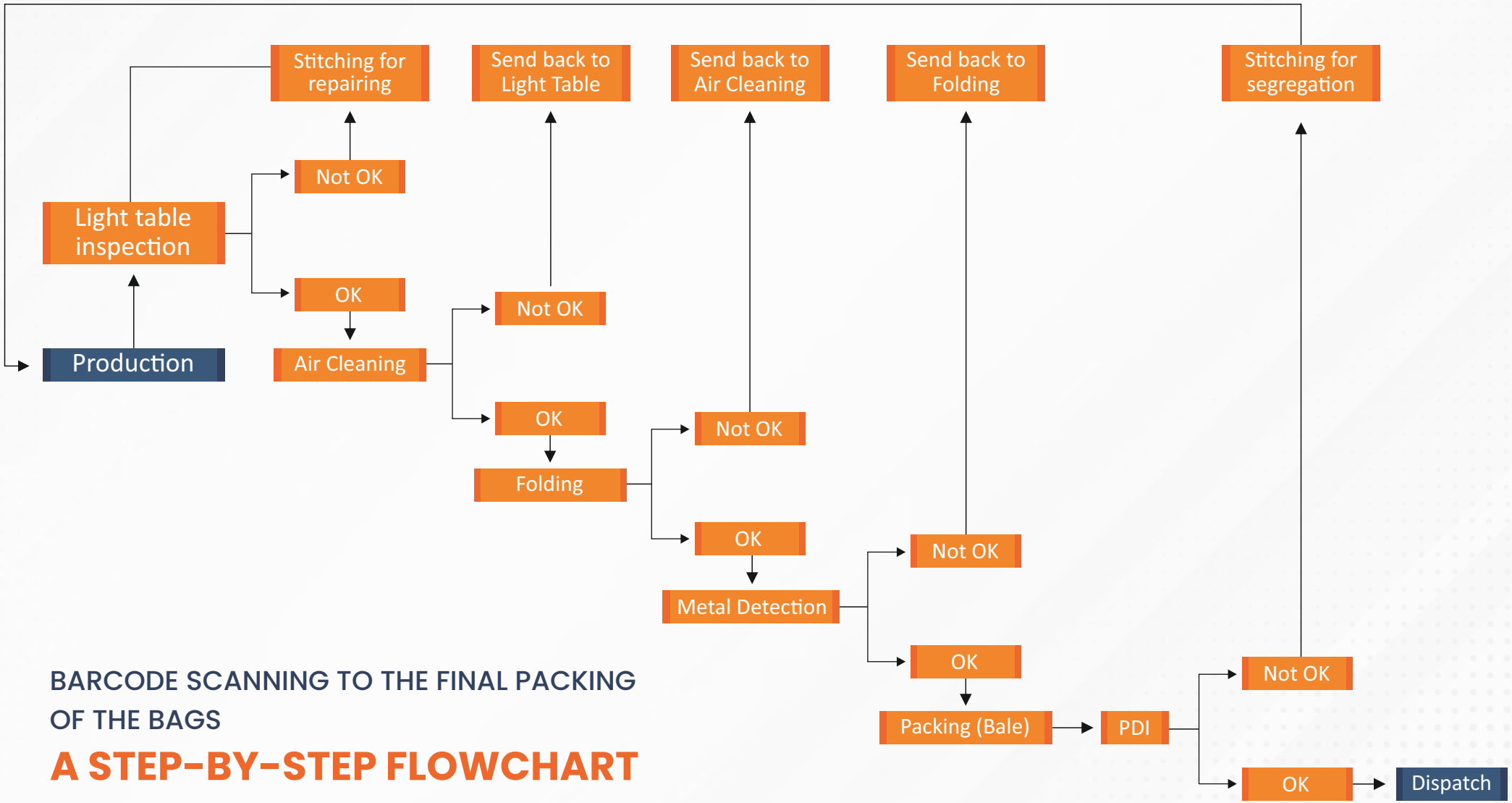
Every barcode tells a story! Scan one and uncover the complete history and details of this bag. Which includes man, material and machine



BARCODING PROCEDURE – SCANNING TO FINAL PACKING OF BAGS

KANPUR PLASTIPACK LTD

The barcoding process starts at **production,** where each bag is assigned a barcode. It then moves to the **light table inspection** for quality checks. If defects are found, the bag is sent back to **stitching for repair,** skipping the air cleaning step. If approved, it undergoes **air cleaning,** followed by **folding, metal detection,** and **bale packing.** After packing, **Pre-Dispatch Inspection (PDI)** is conducted. If the bags pass, they proceed to **dispatch**; if not, they return to **stitching for segregation.**



BARCODE SCANNING TO THE FINAL PACKING OF THE BAGS

A STEP-BY-STEP FLOWCHART

2024 HIGHLIGHTS

Advancing Sustainability Through Solar Energy

In 2024-25, we sourced **42% of our total power** from solar energy, utilizing **1,55,85,130 units** and reducing **12,468 MT** of carbon emissions. This led to approx 8 lac USD in energy cost savings, exceeding our target.



Operational Excellence & Productivity Milestones

We achieved **70% stitching productivity** and recorded our highest-ever **fabric production of 1,400 tons.** Additionally, we achieved **85% tapeline and stitching productivity ,** setting new benchmarks for efficiency and performance.



We successfully reduced the **Cost of Poor Quality (COPQ) by 47%,** reflecting our commitment to operational excellence, waste reduction, and improved process efficiency. This achievement has led to significant cost savings and enhanced product quality.



Driving Innovation, Ensuring Excellence

At KPL, we're redefining manufacturing with cutting-edge AI technologies—ensuring top-tier quality, enhanced safety, and operational efficiency.

AI-Driven Quality Control

High-resolution AI cameras in our cutting machines detect the slightest defects in real time, halting production instantly to ensure only flawless pieces move forward—minimizing waste, maximizing quality.

Real-Time Stitching Monitoring

Advanced monitoring systems track performance and output across stitching lines, enabling immediate corrective actions to maintain precision and streamline operations.

Smart CCTV for Safety & Efficiency

AI-powered surveillance ensures workplace safety and workflow optimization by detecting anomalies, enforcing protocols, and identifying bottlenecks in real time.

Innovation at Every Step

We continue to push boundaries to deliver superior, safe, and sustainable solutions—meeting and exceeding customer expectations.

PAVING RELIABILITY WITH ACCOLADES AND CERTIFICATION

The dichotomy between a manufacturer and an expert manufacturer is defined by the adherence to top level industry standards which are manifested by the world class certifications we have, which makes our customers rest assured about the quality of products they will receive.

- We are the first recipient of **BRCGS A+** certification in the industry in India and it is a testament of our focus on food grade manufacturing facilities.
- Also, all our facilities are **ISO 9001, 14001, 45001, BRCGS** and **FSSC 22000** Certified.

Not just certificates but awards from national & international organizations like Dun & Bradstreet manifests our capability, capacity, competence.



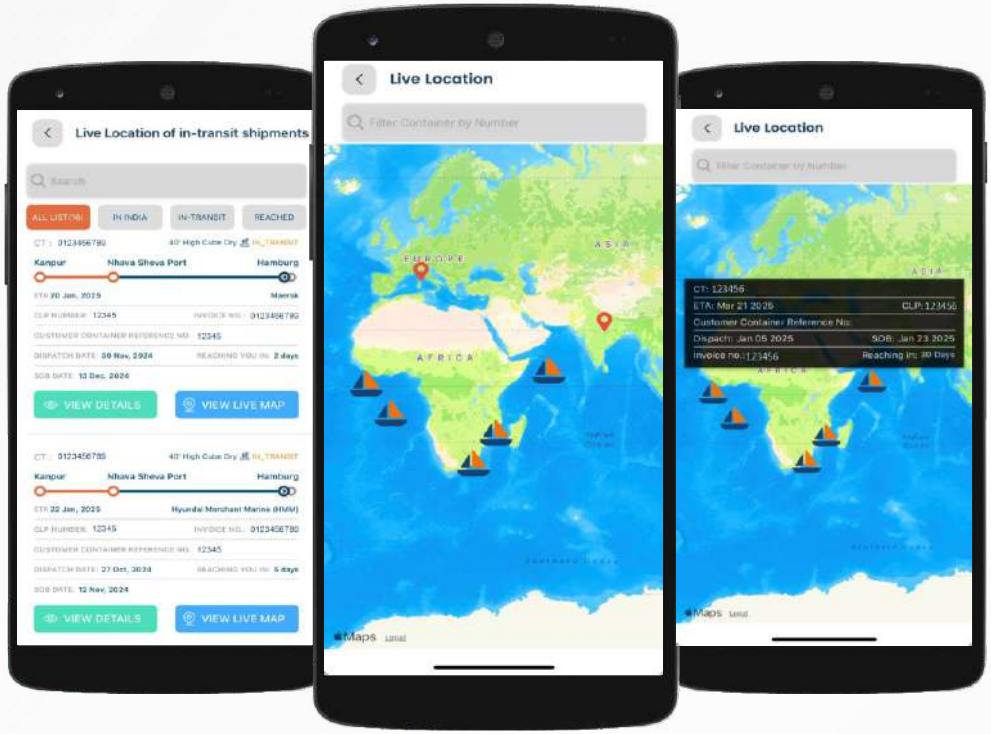
BRANDS WE SELL

We have been serving over 20+ customers for over 15 years, demonstrating trust, reliability and long term relationships.

KPL CUSTOMER APP

In the contemporary era, what matters is empowerment via digital technology, and with the view to easing the customer experience we have our KPL customer app available on Android, and iOS platforms.

Seamless Tracking & Enhanced Search

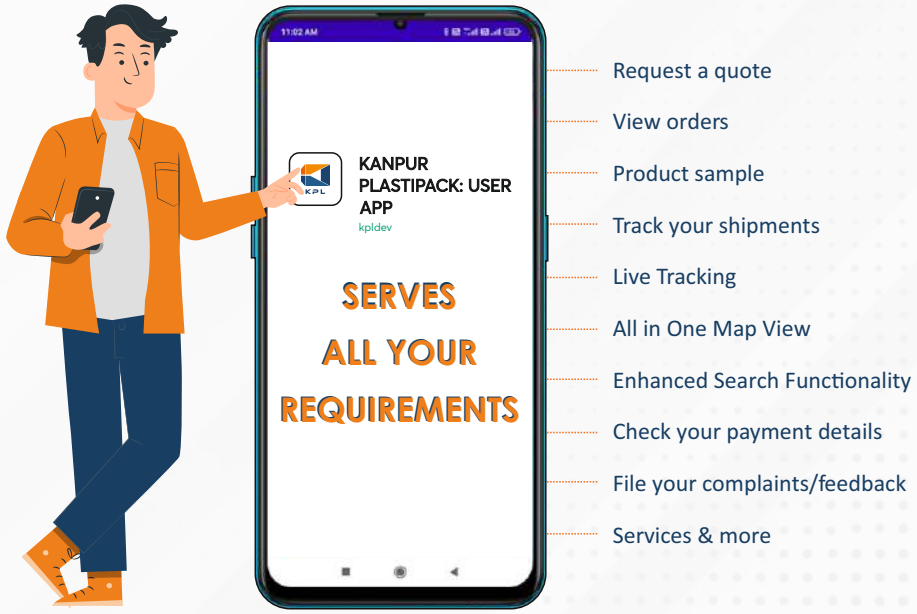


- You can view all the details related to your container categorized into three tabs – "In-India", "In-Transit", and "Reached"
- All-in-One Map View of the containers.
- When you click on a shipment icon, all the details related to **your container** like Customer Container Reference No., Article No., ETA, Dispatch date, Invoice No., SOB date and Reaching you (No. of days) can be seen.

Download it on:

ANDROID APP ON Google play

Download on the App Store



Install the KPL Customer App & get in touch with us!

Let's achieve

Complexity with Simplicity

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