



Engineering & Machine  
Brief Portfolio

# PT. BUANA MULTI TEKNIK

DESIGN - MANUFACTURING - INTEGRATION - INSTALLATION

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**PT. BUANA MULTI TEKNIK**

**“Trusted Solutions - Driven by Passion, Strengthened by Experience  
for Tobacco, Clove & Food Processing Machinery”**

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# CEO Profile



**BUANA SUSILO**  
**CEO of PT Buana Multi Teknik**

As the CEO of PT BMT, I believe it is our mission to provide state-of-the-art engineering design for Indonesia's tobacco industry.

I began my career in the Primary Manufacturing Department back in 1981, and since then, together with my team, we have built some of the most advanced cigarette factories in Indonesia—from green leaf threshing and primary tobacco processing to secondary cigarette making and logistics. With 38 years of experience in my previous company, I decided in 2019 to take a step back and establish a new company, aiming to provide turnkey solutions and machine manufacturing for the entire industry.

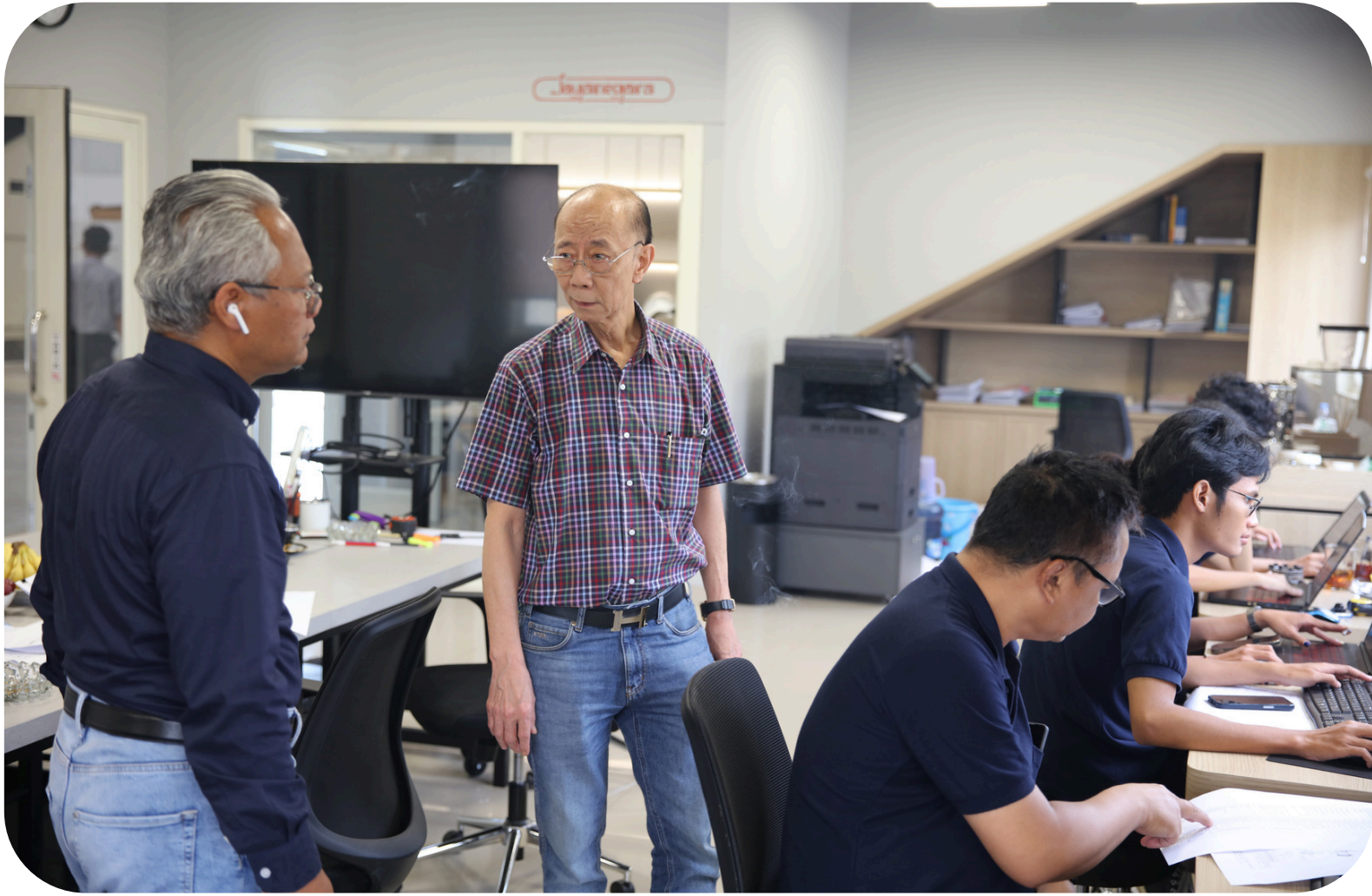
“ I believe in my mission, and I hope we can support the Indonesian cigarette industry with our fully experienced team.

Our team at BMT consists of experienced engineers and designers with extensive knowledge of the Indonesian tobacco industry. We are not only experienced in design, but also have a deep understanding of the unique production and manufacturing process of kretek cigarette with clove.

My team and I also have extensive experience in other industries, including plywood, rubber, water treatment, agriculture, and palm oil.

My vision for the company is to help Indonesian tobacco factories find the best solutions for achieving high productivity and efficiency, while also fulfilling our social responsibility to create employment opportunities and provide education and development for our team.

# ABOUT COMPANY



PT Buana Multi Teknik is an engineering consulting company with expertise in **designing** and **manufacturing tobacco** and **clove processing machines** for the cigarette industry. The company also offers capabilities in designing and producing equipment for **general food manufacturing**.



## Our Services

# GREEN LEAF THRESHING

**Green Leaf Threshing (GLT)** plays a pivotal role in the tobacco processing workflow by efficiently **separating green tobacco leaves from the stems**, ensuring that only the finest parts of the tobacco are prepared for further stages.

At PT Buana Multi Teknik, we employ precise techniques and advanced equipment to optimize the moisture levels and quality of the tobacco leaves, preparing them perfectly for the next phase of processing.

Our GLT process not only preserves the natural aroma and quality of the tobacco but also ensures that the leaves maintain optimal moisture levels for the next processing stages. With our high-performance equipment, we guarantee consistent, premium-quality results, driving both efficiency and speed in your tobacco production.

Core Process of Green Leaf Threshing:

1. **Tipping**
2. **Conditioning**
3. **Threshing & Separating**
4. **Re-drying**
5. **Pressed C48 Tobacco Packaging**

Additionally, the separated stems are not wasted but can be repurposed into valuable products such as Cut Rolled Stem (CRS) or Reconstituted Tobacco, providing sustainable solutions that enhance operational efficiency and reduce waste.

With GLT from PT Buana Multi Teknik, you ensure that your tobacco processing runs smoothly, delivering superior products and promoting a more sustainable production process.

## CUT ROLLED STEM

Our **Cut Rolled Stem (CRS)** is an advanced system designed to optimizing tobacco production by efficiently processing the separated stems from the Green Leaf Threshing (GLT) process.

Input capacity: up to 3000 kg/h @11% m.c.

Core Process of Cut Rolled Stem:

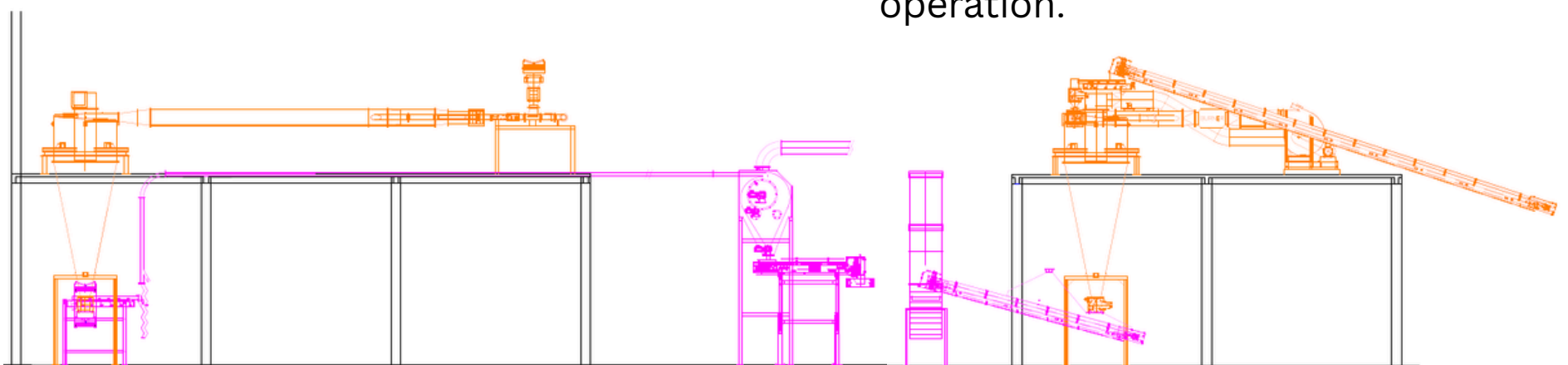
1. **Cleaning & Sizing**
2. **Conditioning**
3. **Cutting**
4. **Drying**

At PT Buana Multi Teknik, we employ cutting-edge technology and expert techniques to process tobacco stems into uniform pieces that are perfect for further use in Reconstituted Tobacco or other tobacco products.

Our CRS process is designed to enhance production efficiency by repurposing stems that are otherwise discarded, providing a sustainable and cost-effective solution for maximizing the use of every part of the tobacco plant. With CRS, we maintain the natural integrity of the tobacco while optimizing the material for the next stage of production.

With Cut Rolled Stem (CRS) from PT Buana Multi Teknik, you can transform tobacco stems into a valuable resource, ensuring that every part of your tobacco is used to its full potential.

Our efficient and sustainable CRS process delivers premium-quality results that enhance your overall production capabilities, reduce waste, and contribute to a more sustainable operation.



# TOBACCO PROCESSING LINE

Our **Tobacco Processing Line** is an advanced system engineered to transform raw tobacco leaves into high-quality tobacco materials suitable for cigarette manufacturing through a seamless series of essential steps.

Input capacity: 3000 - 8000 kg/h @11% m.c.

Each stage is carefully designed to preserve the tobacco's natural characteristics while optimizing production efficiency.

Core Process of Tobacco Processing Line:

1. Hand-Cut Tobacco:

- a. **Slicing**
- b. **Conditioning**
- c. **Loosening:**
- d. **Drying**

**Material Result**



**Tobacco Rajangan**



**Tobacco Krosok**



2. Strips Tobacco:

- a. **Slicing**
- b. **Conditioning**
- c. **Cutting**
- d. **Drying**

3. Casing & Flavouring System

In addition, we also offer **Automation Packaging System Line**, designed to enhance efficiency and precision in your production process. This advanced system automates the filling of bins with materials, ensuring consistent, accurate, and high-speed operation.

# CLOVE PROCESSING LINE

Our **Clove Processing Line** is a specialized production system engineered for the **preparation and processing of cloves** – an essential ingredient in many tobacco products, particularly kretek (clove cigarettes) in Indonesia.

Input capacity: 6000 - 12000 kg/h  
@11% m.c.

Built with high efficiency and hygiene standards, this line integrates advanced mechanical and control systems to ensure consistent operation, minimal product loss, and reliable performance across every stage of processing.

Each unit is designed to provide gentle yet effective handling of the cloves to preserve their natural integrity and avoid oil leakage or surface damage.

The system ensures that cloves are prepared with exceptional care, maintaining uniform size, proper moisture levels, and cleanliness standards before blending with tobacco. From raw material intake to the final dried output, the Clove Processing Line guarantees controlled, repeatable results and superior product quality.

Core Process of Clove Processing Line:

- **Cleaning**
- **Conditioning**
- **Cutting**
- **Drying**

With its reliable performance, robust construction, and focus on maintaining the natural qualities of the clove, **PT Buana Multi Teknik's Clove Processing Line** delivers a dependable, high-quality solution for the modern kretek cigarette industry – combining precision, efficiency, and product excellence in every stage of processing.

# RECONSTITUTED TOBACCO LINE

Our **Reconstituted Tobacco Line** is an innovative system designed to efficiently process tobacco dust, tobacco scrap, tobacco stem into reconstituted tobacco, which can be used in the manufacturing of various tobacco products.

This advanced system ensures uniformity, high quality, and optimized efficiency throughout the production process.

Output capacity:

- 100 kg/h
- 200 kg/h
- 400 kg/h
- 500 kg/h
- 1000 kg/h

Core Process of the Reconstituted Tobacco Line:

**Grinding**



**Mixing**



**Rolling**



**Drying**



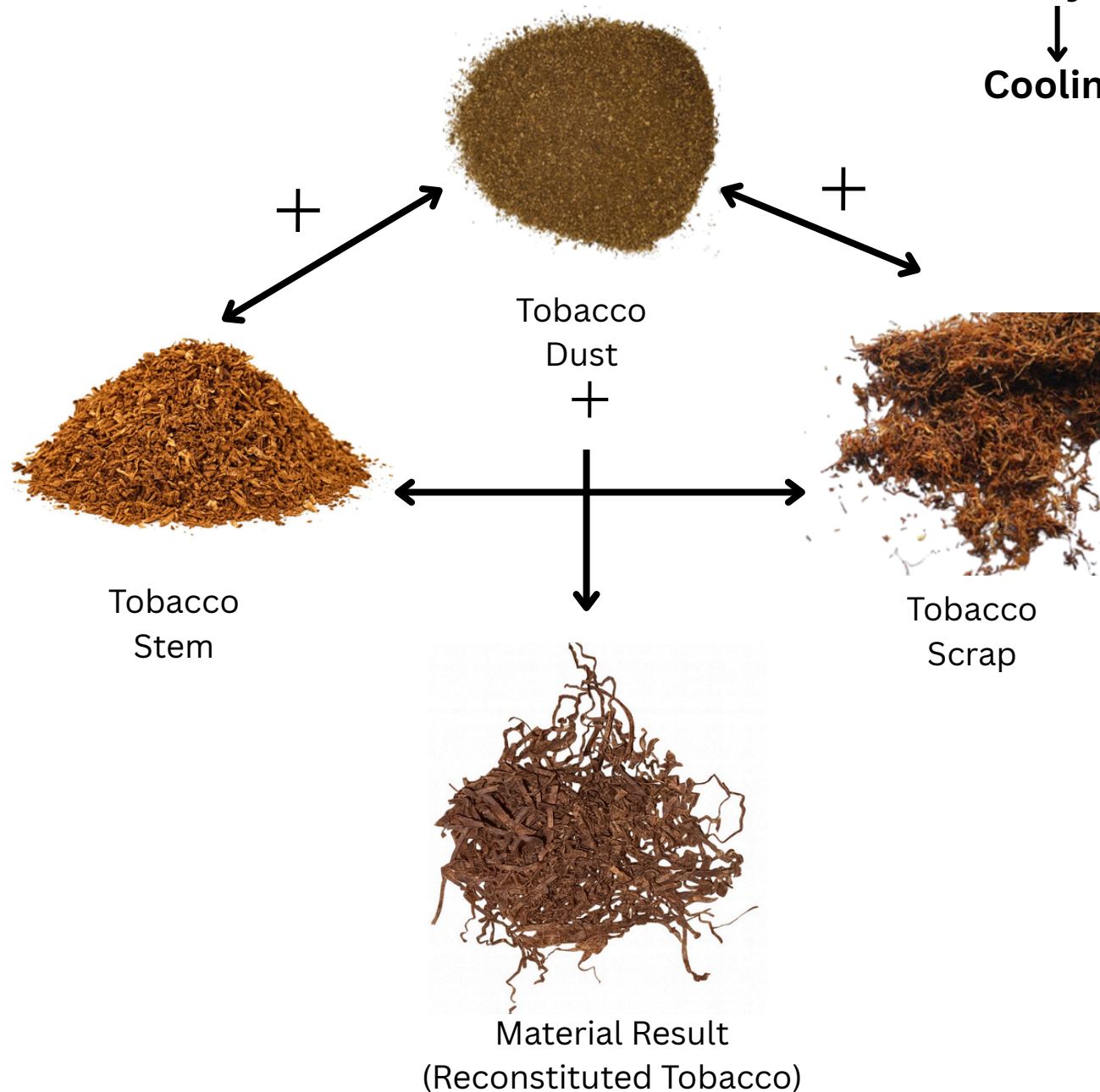
**Cutting**



**Re-drying**



**Cooling**



# CONVEYORS

## 1. Troughed Belt Conveyor

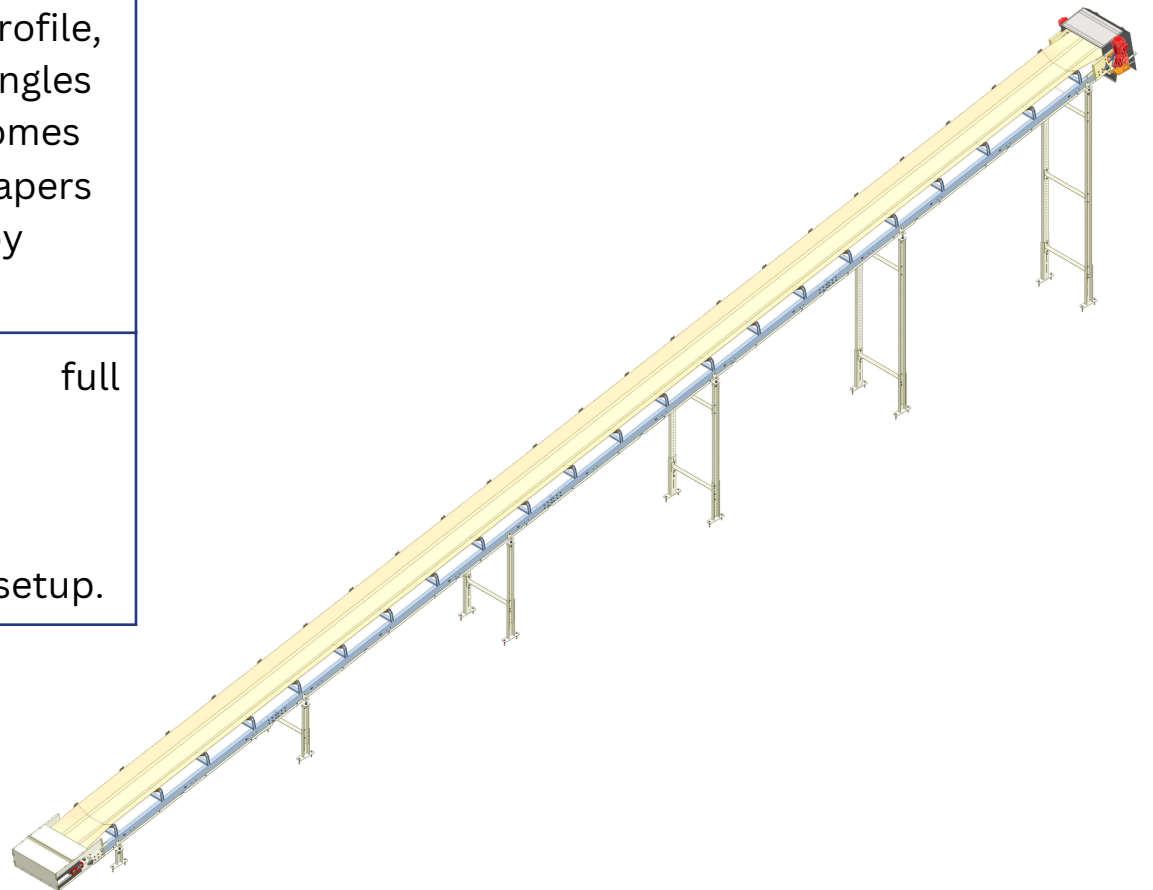
### Description

The belt has a trough-shaped profile, formed by rollers arranged at angles to create a concave shape. It comes equipped with brushes and scrapers to ensure the belt stays clean by removing residual materials.

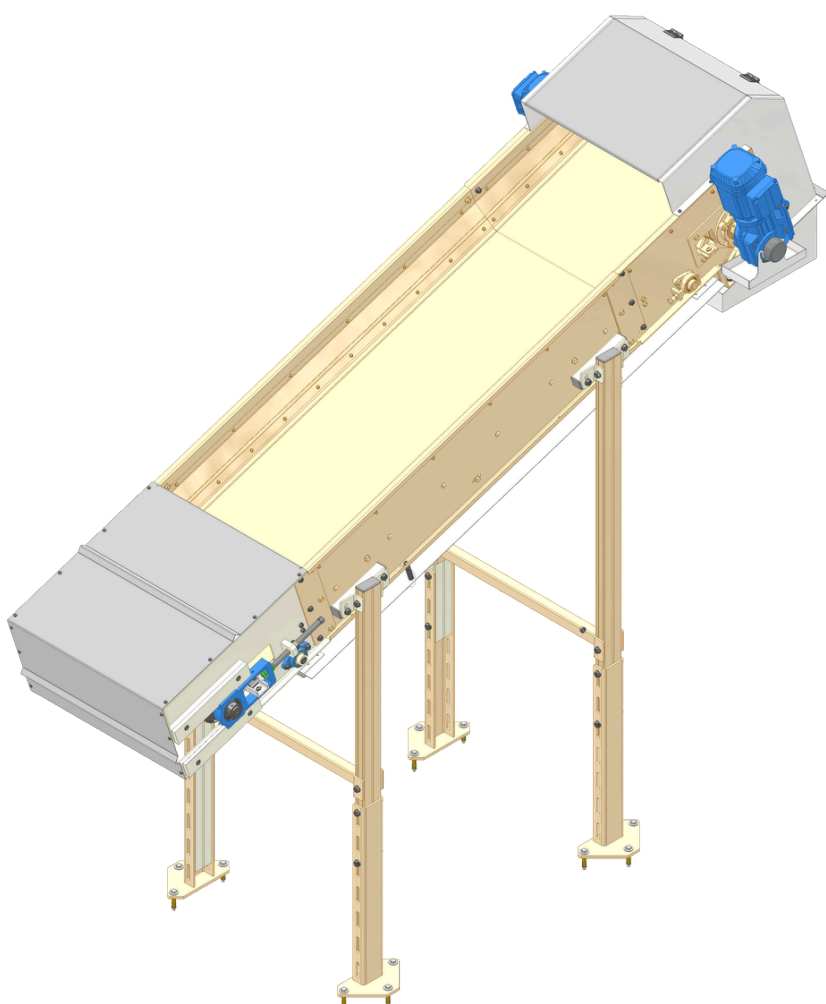
### Advantages

1. Simplified design with full functionality.
2. Optimized belt cleaning.
3. Easy to install.
4. Modular design for flexible setup.

- Dimension:
  - Width (mm): 600, 800, 1000, 1200
  - Length (mm): max 30000
  - Angle (°): 0 - 18 (max 24)



## 2. Flat Belt Conveyor



### Description

The Flat Belt Conveyor features a straight and smooth conveying surface, where the belt remains flat across its entire width.

### Advantage

Multi-function for conveying boxes, components, or packaged products along production or assembly lines.

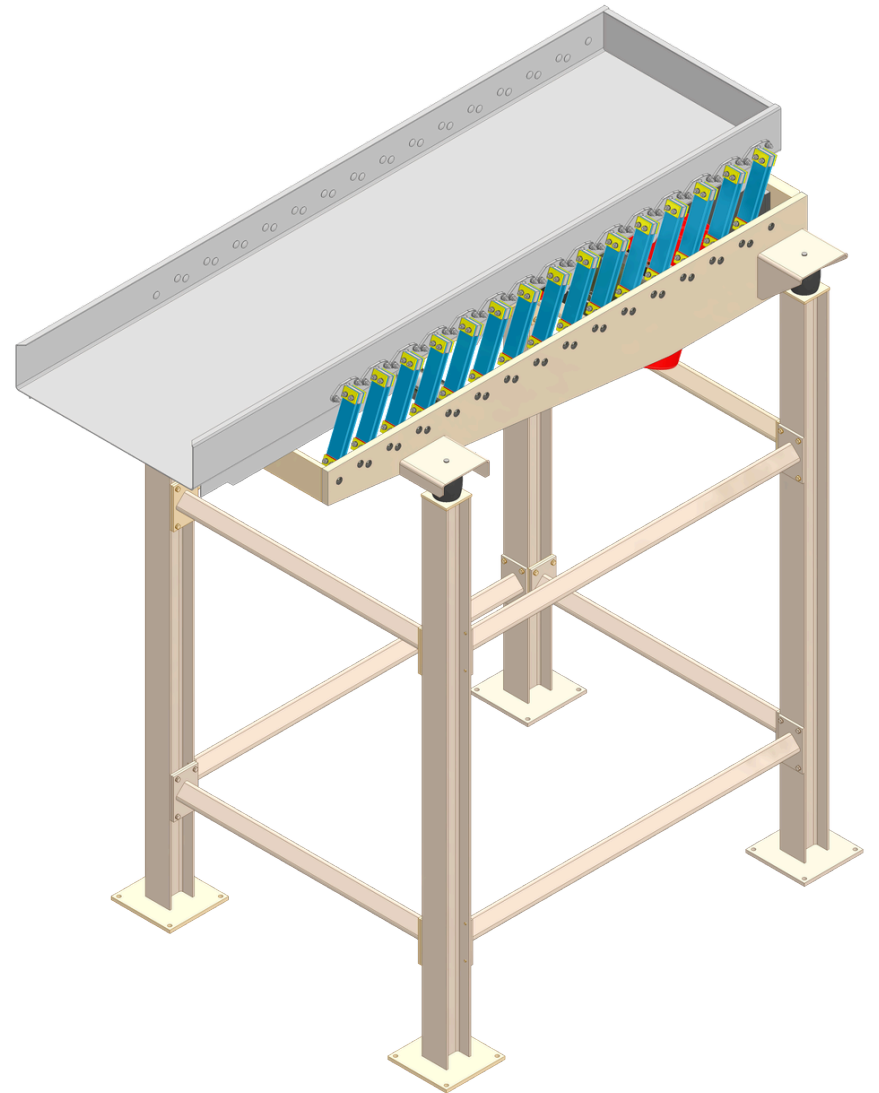
- Dimension:
  - Width (mm): 600, 800, 1000, 1200
  - Length (mm): max 30000
  - Angle (°): 0 - 18 (max 24)

# CONVEYORS

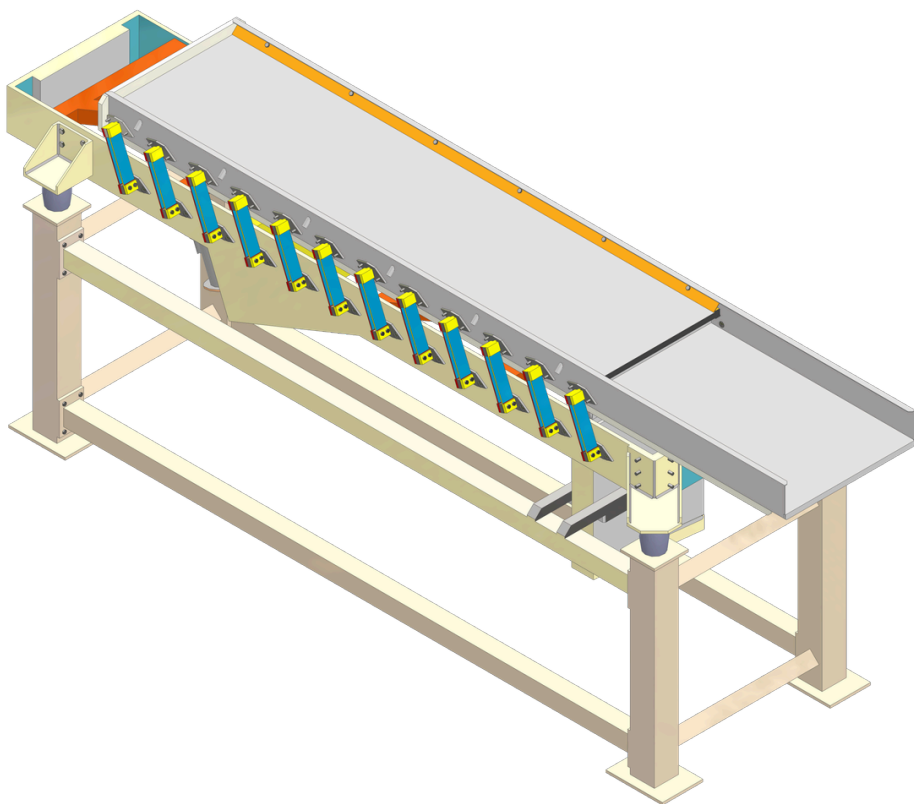
<b>Description</b>	<p>The Vibratory Conveyor has special vibration mechanic design consisting of leaf spring and vibration absorber. The system uses leaf springs to provide stable oscillating motion, ensuring smooth and consistent material flow.</p> <p>The tray gently moves materials forward through controlled vibration, allowing uniform spreading and efficient transport along the production line.</p>
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Spread the materials evenly.</li> <li>2. Deliver higher speed.</li> <li>3. Suitable for use in harsh environments, providing durability.</li> <li>4. Low energy consumption.</li> <li>5. Low degradation of materials.</li> </ol>

- Dimension:
  - Width (mm): 600, 800, 1000, 1200
  - Length (mm): max 6000

### 3. Vibratory Conveyor



### 4. Vibratory Conveyor with Sieving System

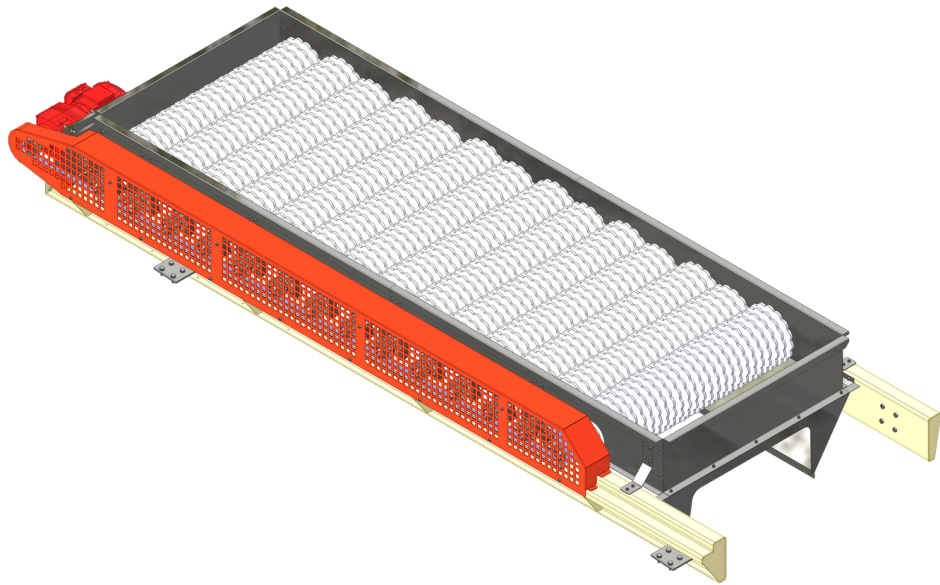


<b>Description</b>	<p>The Vibratory Conveyor with Sieving System is designed to transport and separate materials simultaneously within a single unit.</p> <p>It consists of a vibrating tray equipped with an integrated sieve section that allows fine particles to pass through while larger materials continue moving forward. Supported by leaf springs, the machine delivers stable vibration and uniform material flow.</p>
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Transporting materials while simultaneously separating them by size.</li> <li>2. Suitable for use in harsh environments, providing durability.</li> </ol>

- Dimension:
  - Width (mm): 600, 800, 1000, 1200
  - Length (mm): max 6000

# CONVEYORS

## 5. Separating Disk Conveyor



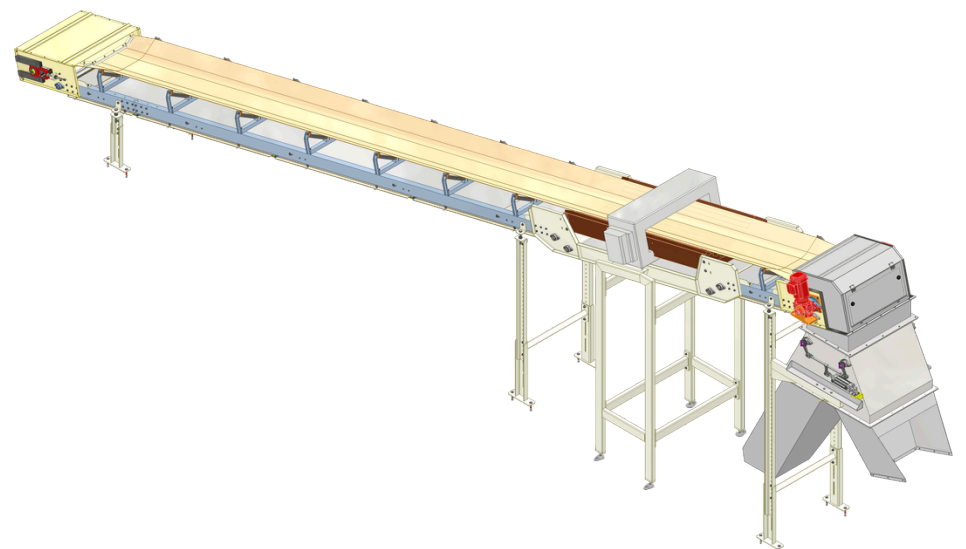
<b>Description</b>	Separating Disk Conveyor is a machine designed to sort and separate oversized pieces of materials based on fiber length using rotating disks.
<b>Advantages</b>	Efficiently separates between the long fiber and short fiber materials and transfers them seamlessly to the next process.

- Dimension:
  - Width (mm) : 600, 800, 1000, 1200
  - Length (mm): 4000

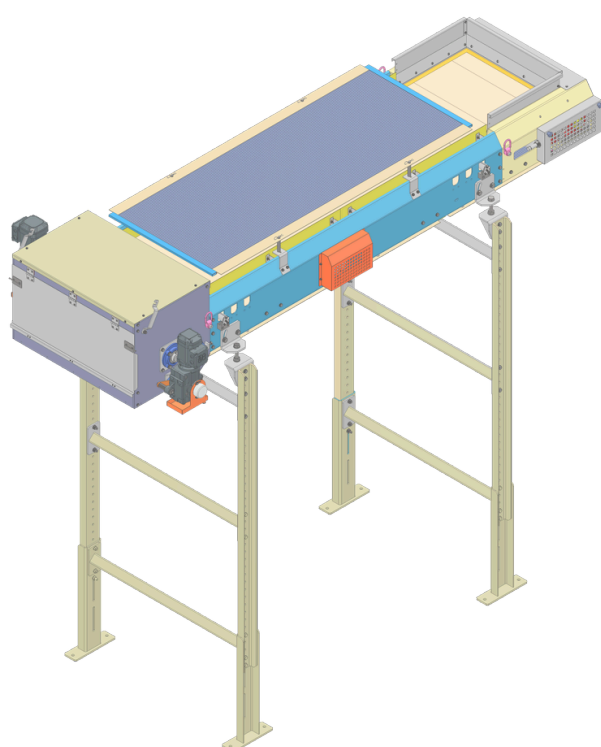
<b>Description</b>	The Belt Conveyor with Metal Detection System is equipped with specially designed wooden sections that maintain metal detector sensitivity, along with a two-way hopper that automatically removes metal-contaminated materials.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Automatically detects and removes metallic contaminants.</li> <li>2. Providing accurate and consistent detection performance throughout the process.</li> </ol>

- Dimension:
  - Width (mm) : 600, 800, 1000, 1200

## 6. Belt Conveyor with Metal Detection System



## 7. Weightbelt Conveyor



<b>Description</b>	Weightbelt Conveyor is an advanced conveying system that continuously measures and controls the flow rate of materials while transporting them, ensuring precise weighing and consistent process efficiency.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Maintains consistent material feed rates to optimize production performance.</li> <li>2. Provides real-time, continuous weight measurement for precise material flow control.</li> </ol>

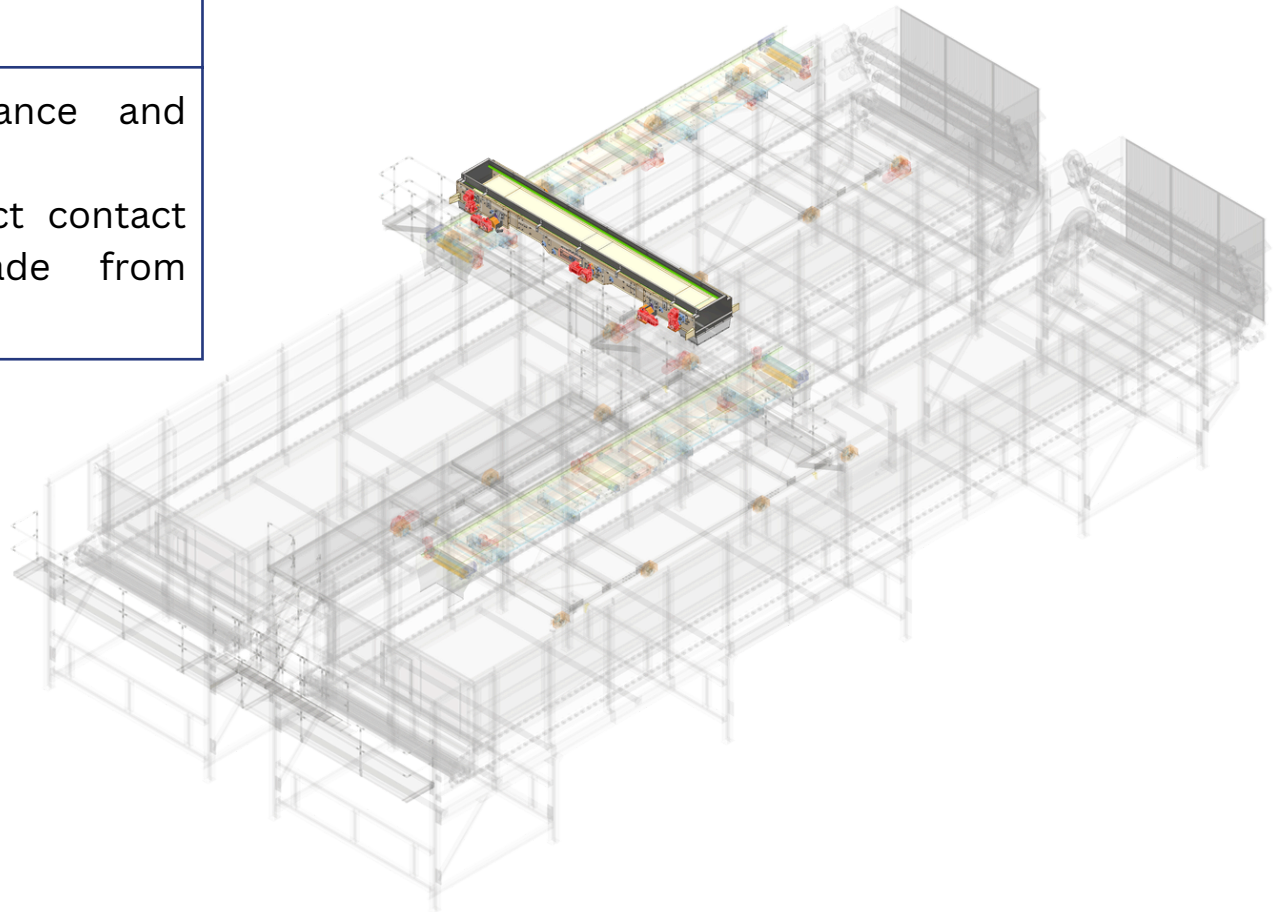
- Dimension:
  - Width (mm) : 600, 800, 1000, 1200
  - Length (mm): 3100

# CONVEYORS

## 8. Stepping Conveyor

<b>Description</b>	Stepping Conveyor conveys and evenly distributes material to the blending conveyor.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Ease of maintenance and access for cleaning.</li> <li>2. All metallic product contact surfaces are made from stainless steel.</li> </ol>

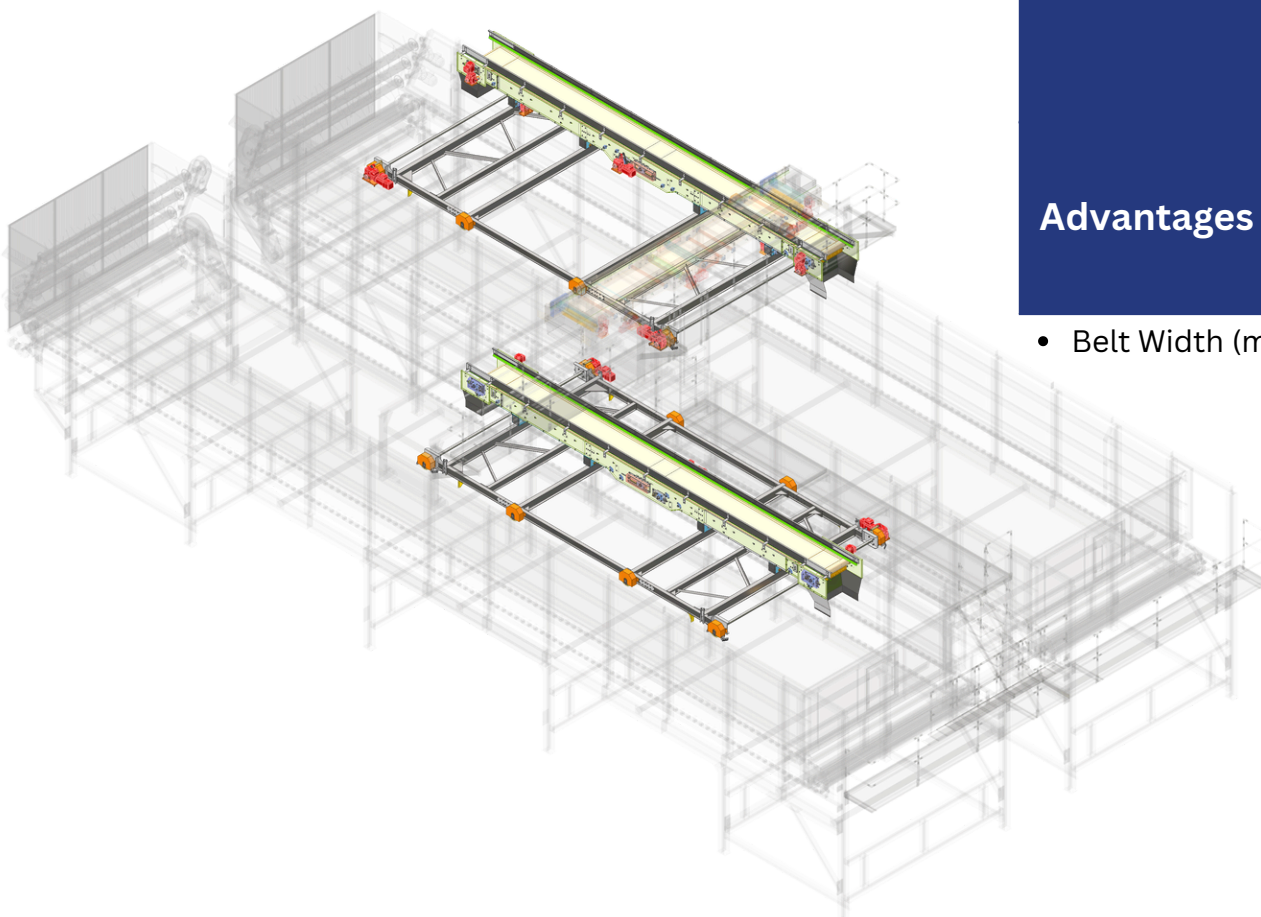
- Belt Width (mm): 800, 1000



## 9. Blending Conveyor with Carriage System

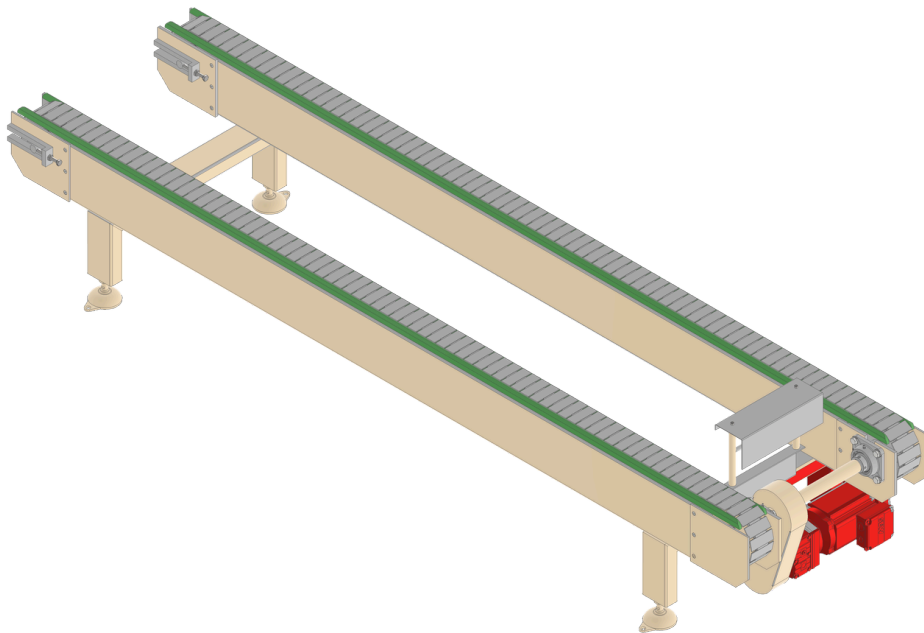
<b>Description</b>	Blending Conveyor with Carriage System features a movable carriage that travels along the silo, evenly distributing tobacco across the entire surface area. This design ensures uniform blending
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Easier maintenance due to shorter belt width.</li> <li>2. Lower motor load requirement.</li> </ol>

- Belt Width (mm): 800, 1000



# CONVEYORS

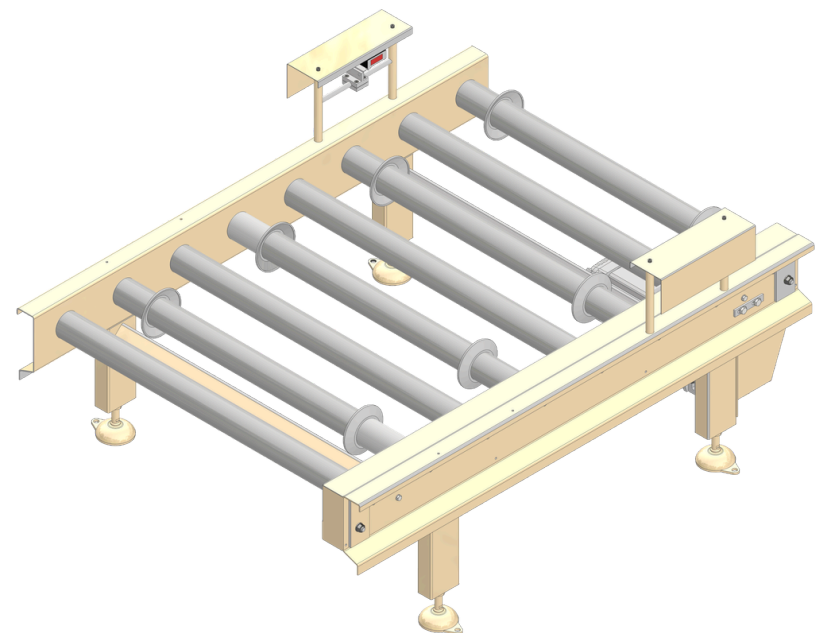
## 10. Chain Conveyor



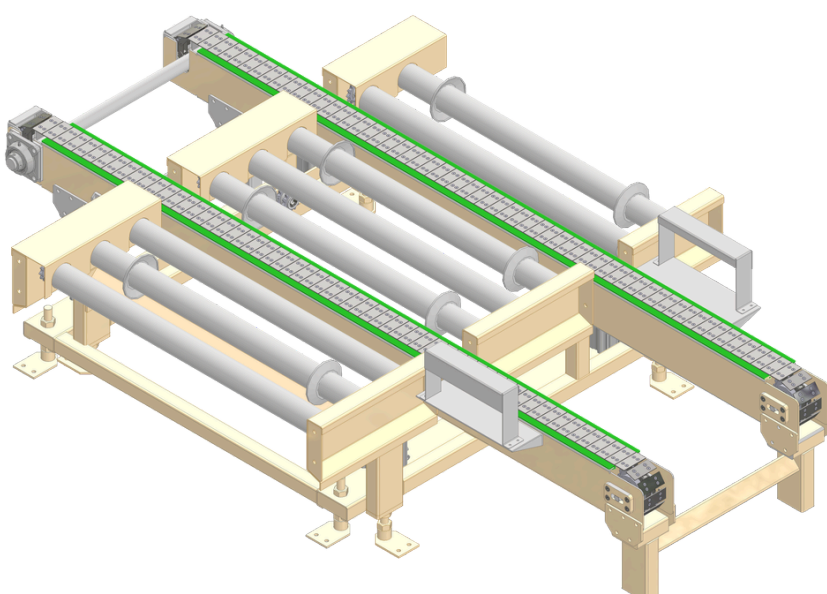
<b>Description</b>	Chain Conveyor efficiently transfers bins between machines using a durable chain system, ensuring smooth and continuous material handling.
<b>Advantage</b>	Provides smooth and consistent transfer of bins.

<b>Description</b>	Roller Conveyor smoothly transfers bins between machines using a reliable roller system, ensuring efficient and continuous material flow.
<b>Advantage</b>	Provides smooth and consistent transfer of bins.

## 11. Roller Conveyor



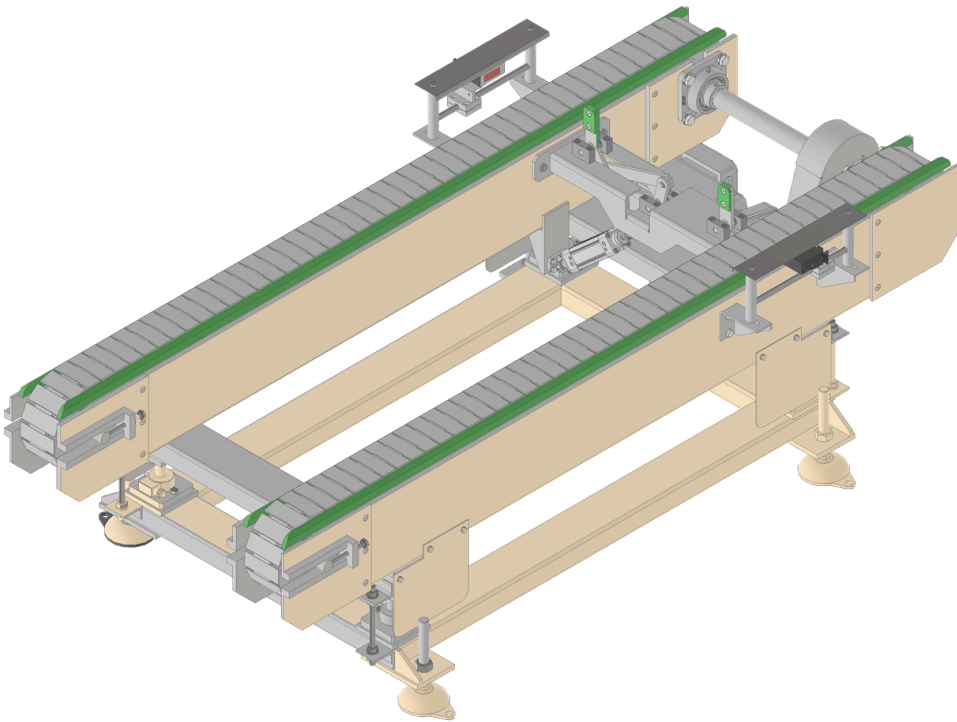
## 12. Roller - Chain Conveyor



<b>Description</b>	Roller-Chain Conveyor efficiently transports heavy bins and materials using a combination of rollers and a durable chain drive, ensuring smooth, reliable, and continuous movement within the production line.
<b>Advantage</b>	Combines rollers and chain for stable and controlled material movement while facilitating seamless direction changes.

# CONVEYORS

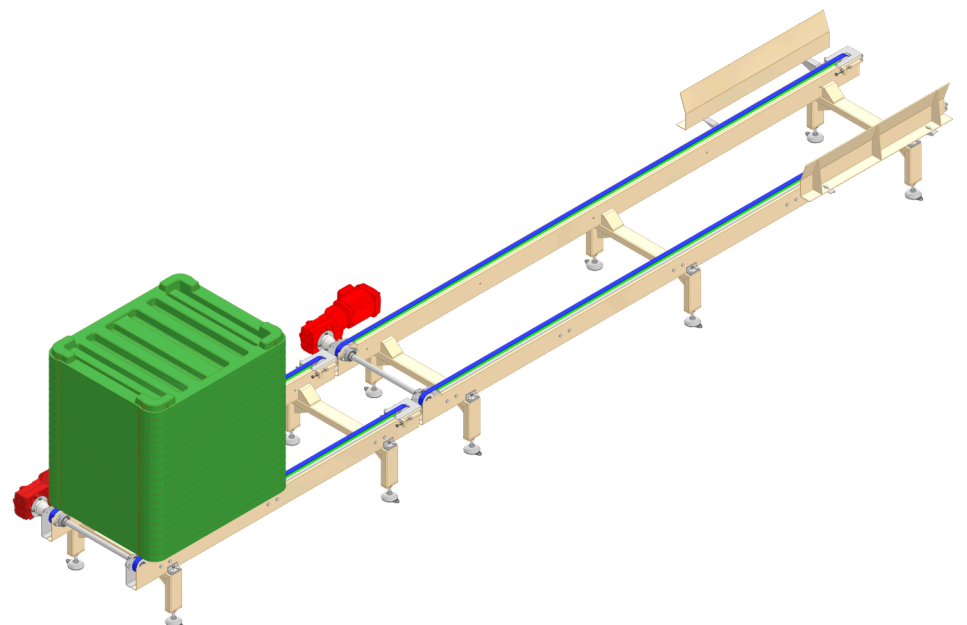
## 13. Chain Conveyor with Weighing System



<b>Description</b>	Chain Conveyor with Weighing System efficiently transports materials while providing accurate real-time weight measurement, ensuring precise control and smooth production flow.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Accurate Weight Monitoring</li> <li>2. Combines conveying and weighing in one compact unit.</li> </ol>

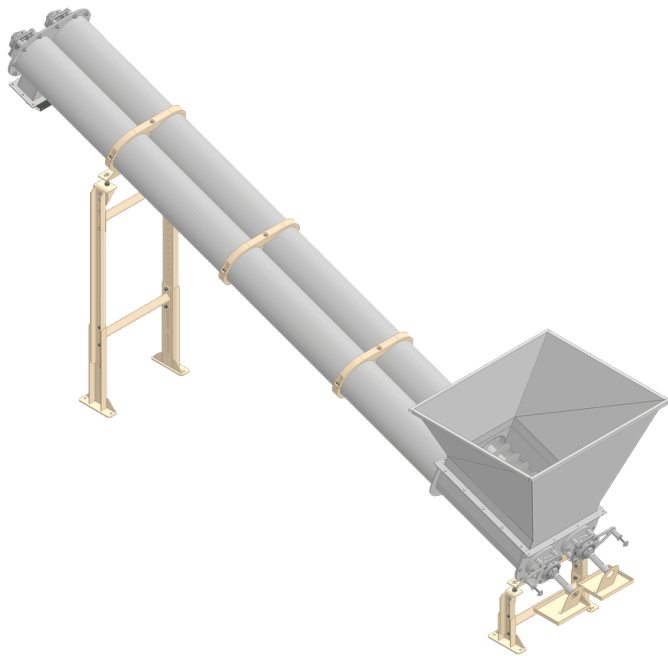
## 14. Conveyor with Timing Belt Carrier

<b>Description</b>	Conveyor with Timing Belt Carrier is a precision conveying solution engineered for the accurate positioning of bin lids.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Precisely distributes and ensures the accurate positioning of bin lids.</li> <li>2. Easily integrates with lid pick-up robotic systems.</li> </ol>



# CONVEYORS

## 15. Screw Conveyor



<b>Description</b>	Screw Conveyor is a reliable machine designed to act as a buffer and stabilize the flow of materials entering the weight belt, ensuring smooth and consistent feeding for optimized production efficiency. Screw Conveyor uses a rotating helical screw inside a cylindrical casing to move bulk materials smoothly and continuously.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Maintains a steady and controlled material flow.</li> <li>2. Ensures stable material flow by reducing fluctuations in supply.</li> </ol>

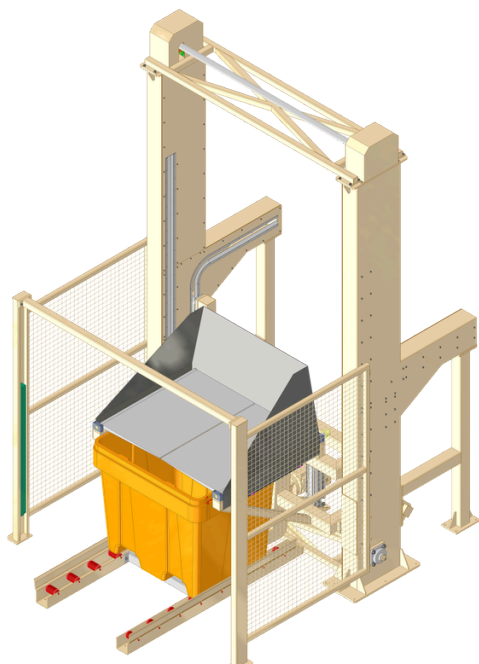
# MATERIAL HANDLING EQUIPMENTS

## 16. Feeder

<b>Description</b>	Feeder is a buffer machine that stabilizes material flow and is equipped with a rotating doffer system to break apart clumped tobacco.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Maintains steady feeding to subsequent equipment.</li> <li>2. Efficiently breaks apart clumped materials to ensure smooth processing and consistent product quality.</li> </ol>



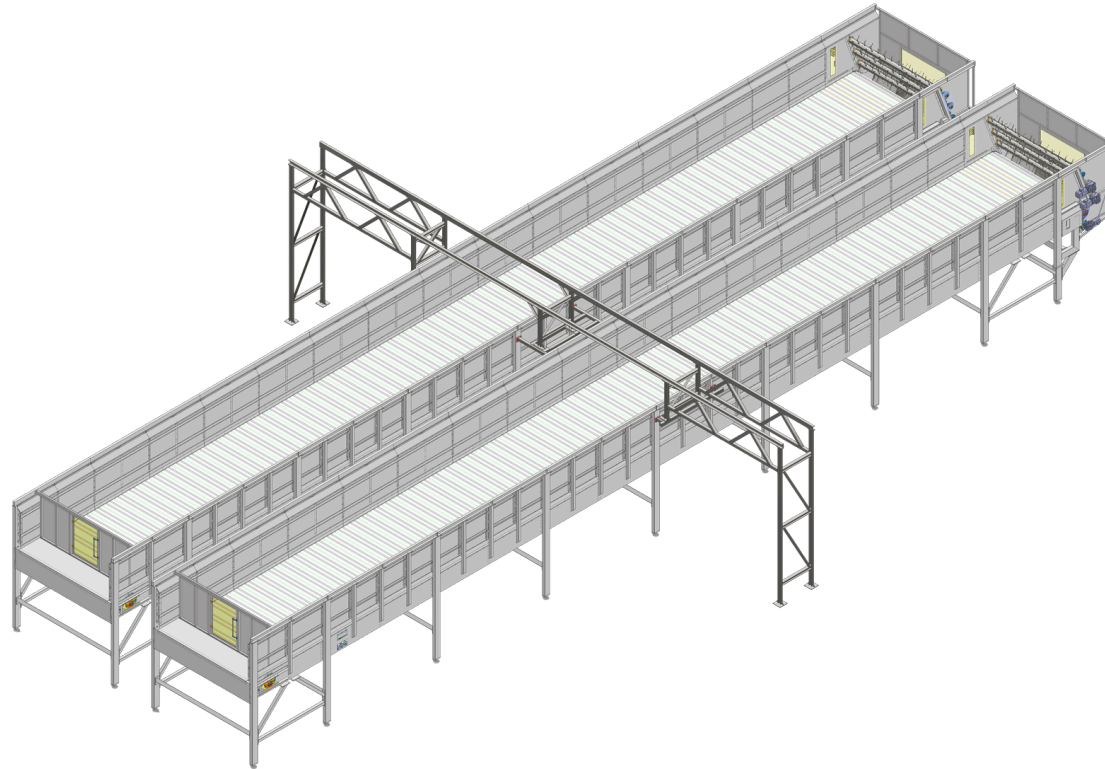
## 17. Lift and Tipper



<b>Description</b>	Lift and Tipper is a robust machine engineered to safely lift and tilt bins filled with cloves or reconstituted tobacco, enabling smooth, efficient, and reliable material transfer within the production process.
<b>Advantage</b>	Automates the lifting and tipping process for faster and safer transfer of heavy bins.

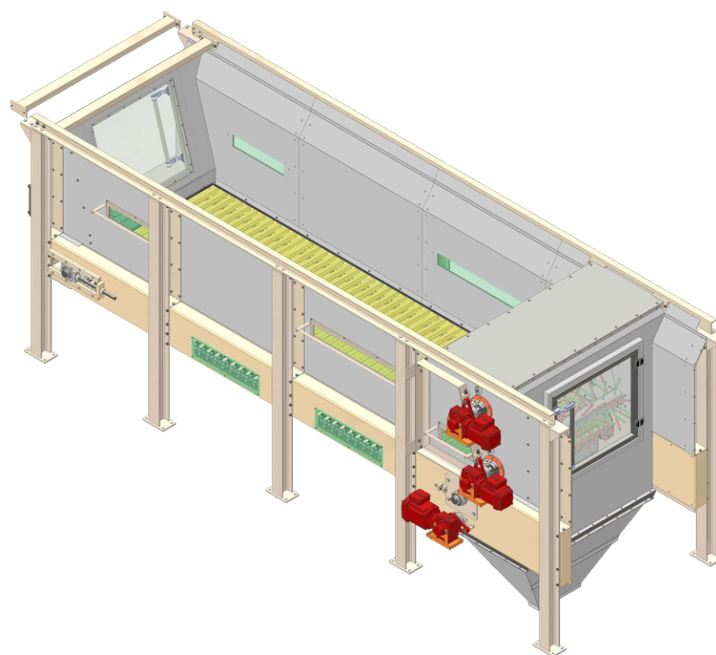
# MATERIAL HANDLING EQUIPMENTS

## 18. Silo



<b>Description</b>	Silo is a versatile storage solution designed to temporarily store materials while homogenizing their moisture content, ensuring consistent quality and readiness for downstream processing.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Material moisture homogenization.</li> <li>2. Provides temporary storage for large amounts of material.</li> </ol>

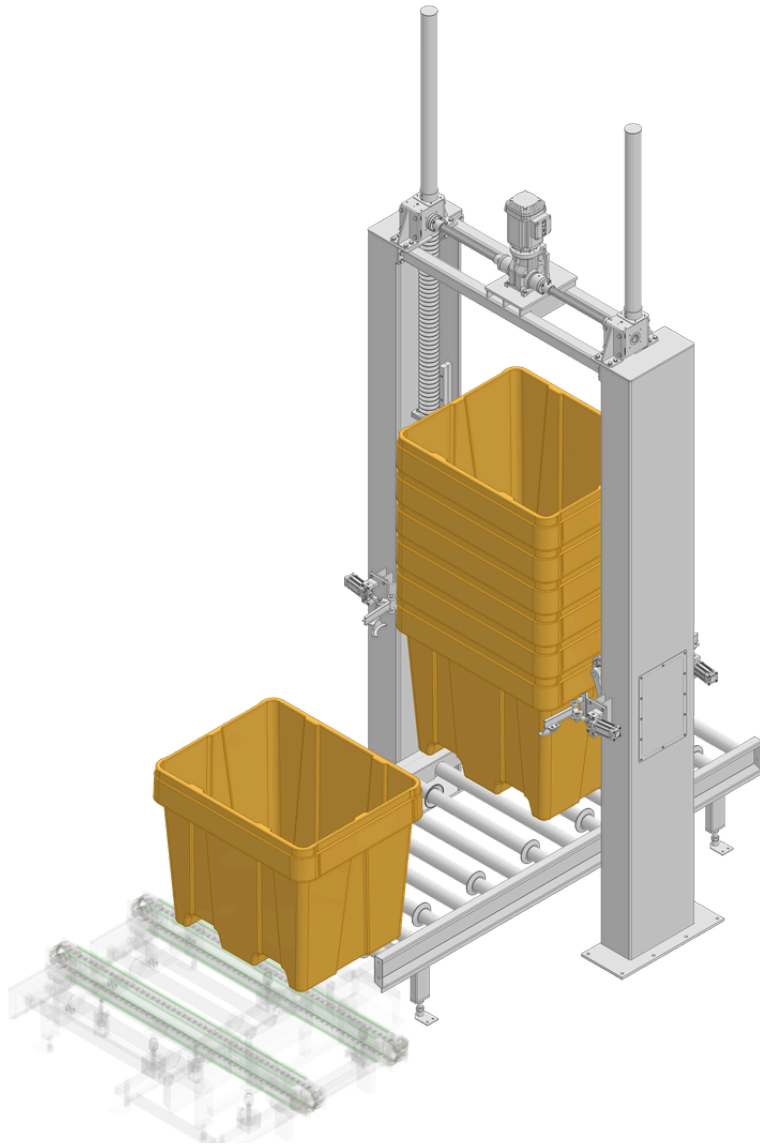
## 19. Mini Silo



<b>Description</b>	Mini Silo serves as an efficient buffer and small-capacity temporary storage, ensuring a stable and consistent material flow to downstream machines, which enhances overall production reliability and efficiency.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Maintains consistent material flow to the next machines.</li> <li>2. Acts as an efficient buffer.</li> <li>3. Provides temporary storage for small quantities of material.</li> </ol>

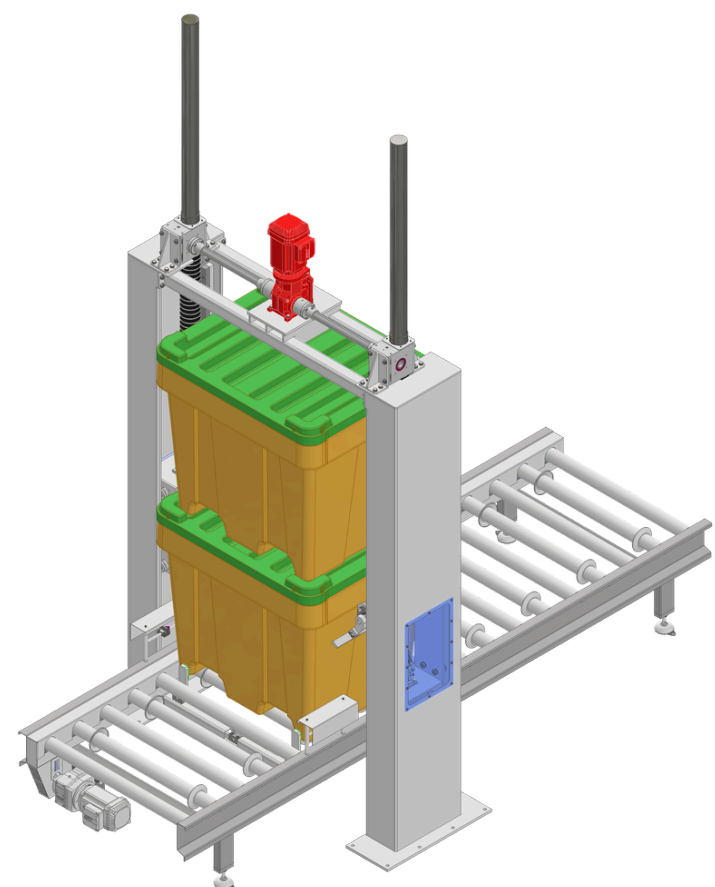
# MATERIAL HANDLING EQUIPMENTS

## 20. Bin De-stacker Unit



<b>Description</b>	Bin De-stacker Unit is an automated system designed to lift and separate stacks of empty bins one by one, ensuring smooth, efficient, and uninterrupted bin handling throughout the production line.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Reduces manual labor by automating the bin separation and lifting process.</li> <li>2. Minimizes worker fatigue and risk of injury by reducing manual bin handling.</li> <li>3. Speeds up bin handling to maintain continuous production flow.</li> </ol>

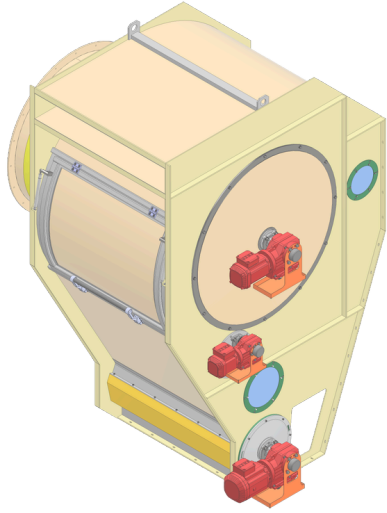
## 21. Bin Stacker Unit



<b>Description</b>	Bin Stacker Unit is an efficient automated system designed to stack bins filled with material precisely and securely, optimizing space utilization and enhancing the overall production flow.
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Maximizes storage and transport space by neatly stacking bins.</li> <li>2. Reduces manual handling by automatically stacking bins for faster operations.</li> <li>3. Improves the workflow and efficiency of the production line.</li> </ol>

# MATERIAL HANDLING EQUIPMENTS

## 22. Air Product Separator

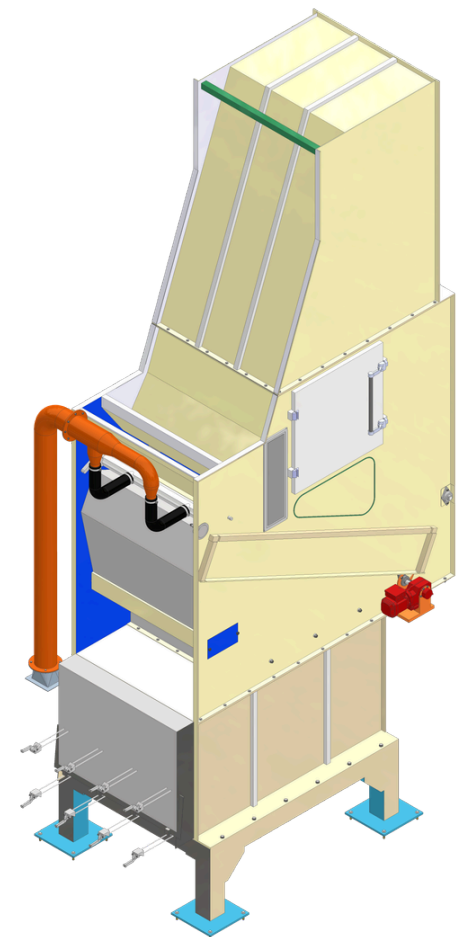


<b>Description</b>	Air Product Separator serves as an efficient material transport system equipped with an airlock. It is designed to separate the product from the airflow after pneumatic conveying.
<b>Advantage</b>	Ensures smooth material flow and effective separation between air and product for stable and efficient processing.

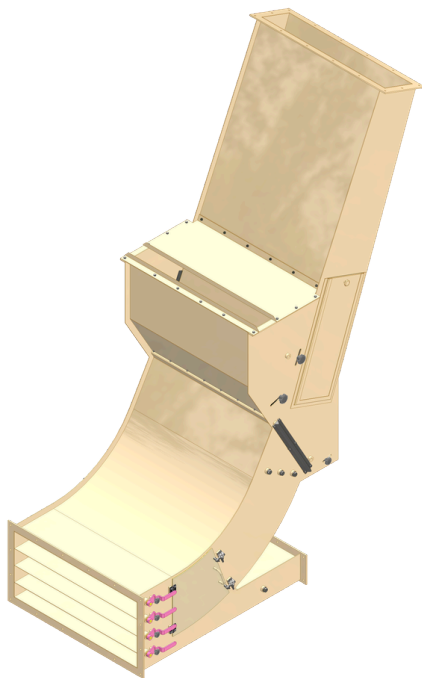
# PROCESS EQUIPMENTS

## 23. Classifying Chamber

<b>Description</b>	Classifying Chamber features a vertical chamber structure equipped with an air system that lifts light particles upward for separation. It physically separates heavy stems from light lamina, allowing each to move efficiently to the proper processing line.
<b>Advantage</b>	Accurately separates heavy stems and light lamina for proper downstream processing.



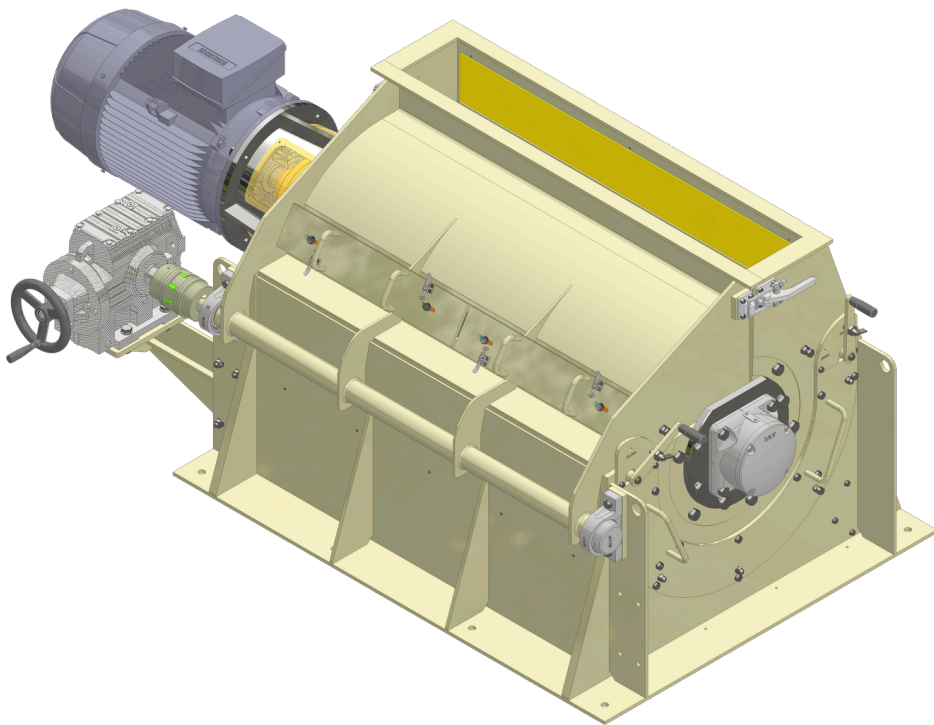
## 24. Heavy Particle Separator



<b>Description</b>	The Heavy Particle Separator is designed with a curved chamber and integrated air system that efficiently separates and removes heavy particles from the product stream, ensuring cleaner processing and protecting downstream equipment.
<b>Advantage</b>	Effectively removes heavy foreign materials particles such as stones etc.

# PROCESS EQUIPMENTS

## 25. Thresher



### Description

The Thresher is a high-speed, heavy-duty machine designed to separate lamina from stems through a controlled beating process using blades.

### Advantage

Effectively separates lamina from attached stems to obtain a cleaner product.

Line Capacity :

- 3000 Kg/h
- 6000 Kg/h
- 12000 Kg/h

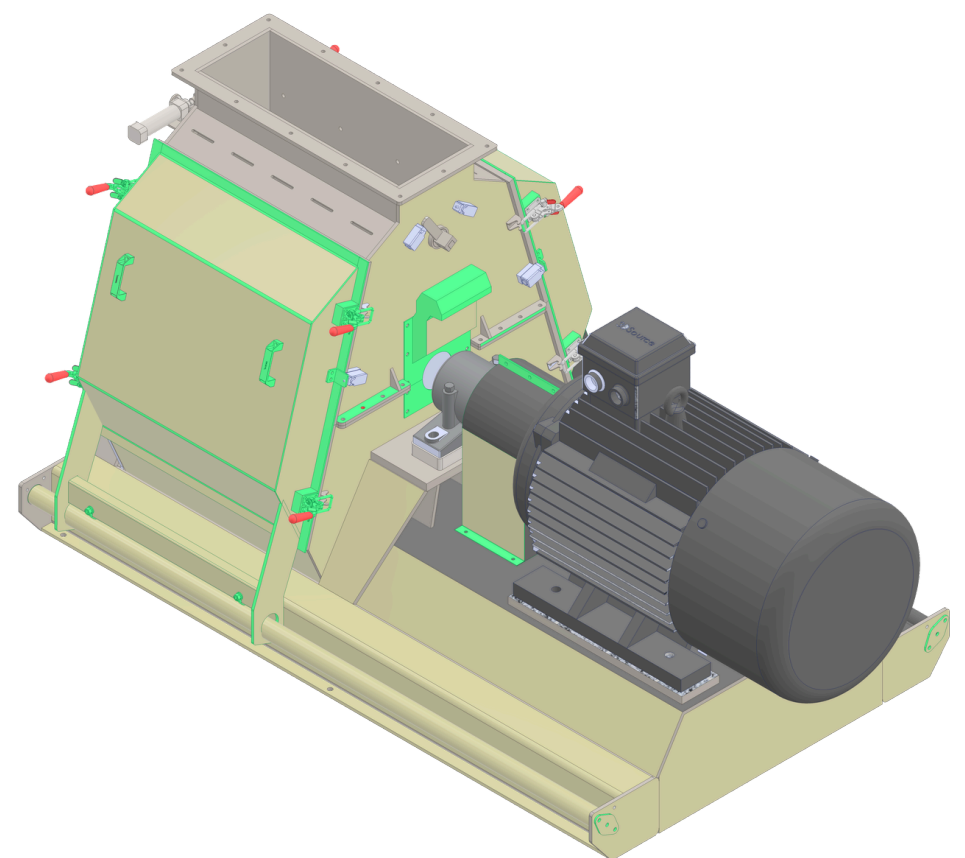
## 26. Hammermill

### Description

The Hammermill is a high-speed machine designed to separate lamina from stems while simultaneously reducing tobacco particle size. It features a rotor with beating blades operating within a specially designed basket (screen), ensuring finer and more uniform output.

### Advantage

Separates lamina from attached stems and reduces particle size to improve uniformity, enhance drying efficiency in the next process.



# SECONDARY SERVICES

Our **Secondary Services** include a range of advanced services designed to optimize the performance and efficiency of your production line.

What we offer:

1. **Rebuild Machine:** we restore your machinery to "like-new" condition.
2. **Machine Overhaul and Spare Parts:** we provide comprehensive replacement services for worn parts, ensuring that your equipment operates at peak performance.
3. **Conversion Kit & Installation:** we provide high-quality conversion kits and professional installation services for functional upgrades.
4. **Maker Improvement:** we will upgrade your machinery with BMT's advanced improvements, optimizing performance and ensuring enhanced efficiency.

5. **Centralized Garniture Cooling System:** we help maintain normal temperature stability during cigarette production, preventing overheating and avoiding production downtime.

6. **Centralized Dust Vacuum System:** we help maintain optimal dust extraction efficiency with an Automatic Air Control System, ensuring consistent performance and a cleaner production environment.

These solutions aim to enhance operational reliability, improve production efficiency, and extend the service life of your equipment.

## Rebuild Machine

Before



After



# MAKER IMPROVEMENT

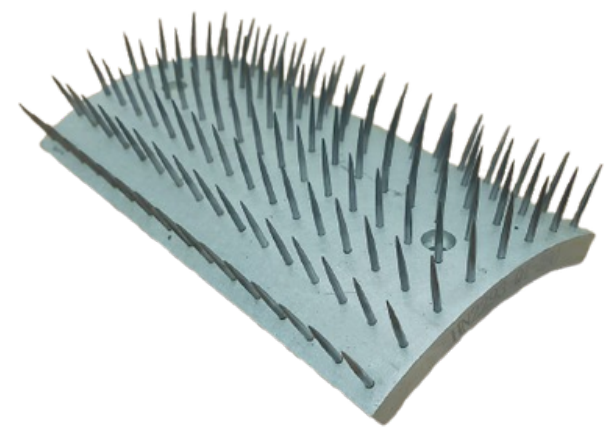
## a. Spider Vacum Filter



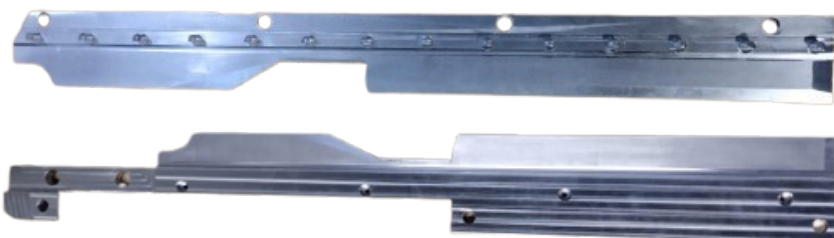
Application	Advantage
Transfer Unit Maker Machine (SE)	Effectively reduces dust and debris in the transfer unit, significantly increasing the lifetime of the vacuum pump.

Application	Advantage
PROTOS 80 (VE)	<p>The BMT special design on the Kretek Spiked Plate (VE) is specifically engineered to prevent damage to the spikes during the tobacco kretek cigarette manufacturing process.</p> <p>With an optimized spike shape and arrangement, these components help reduce spike damage caused by stems, stones, or other foreign materials, while minimizing excessive pressure on the tobacco strands.</p>

## b. Kretek Spiked Plate



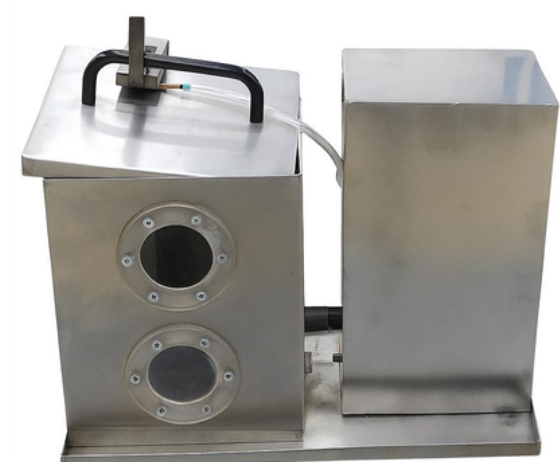
## c. Suction Rail



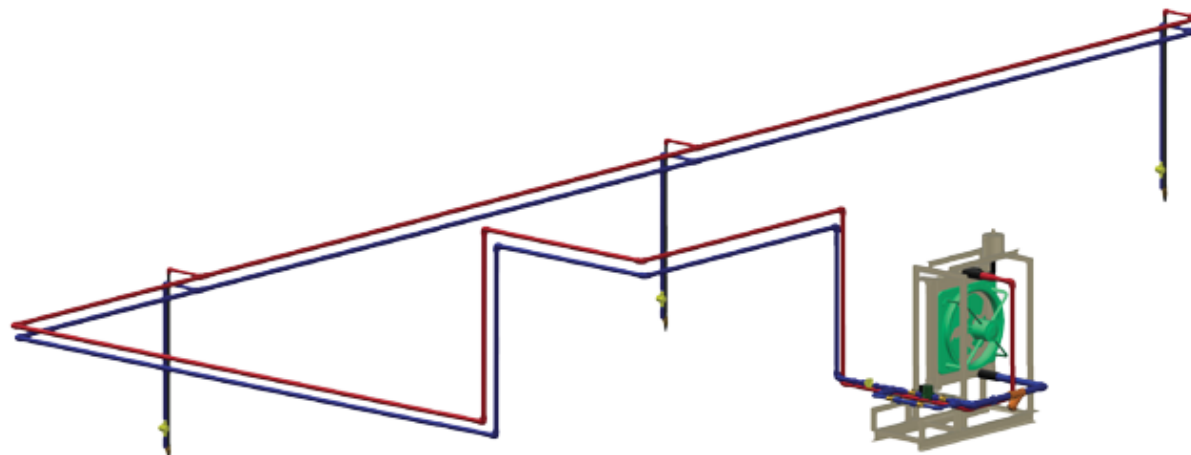
Application	Advantage
PROTOS 80 (VE)	The BMT design on the Suction Rail features a thicker wear tape, ensuring longer durability and reducing downtime in the tobacco kretek cigarette manufacturing process.

Application	Advantage
Metering Pump (VE)	<p>The Air Finger Mechanism is designed to provide seamless lubrication for the rods, especially in tobacco kretek production machines, before they reach the Garniture Bed.</p> <p>Kretek cigarettes have a high-density composition, and the sauce used in kretek cigarettes can form deposits. By delivering consistent lubrication, the Air Finger Mechanism helps prevent buildup from these deposits, reduces frequent machine jams, and ensures smoother operation.</p>

## d. Air Finger Mechanism

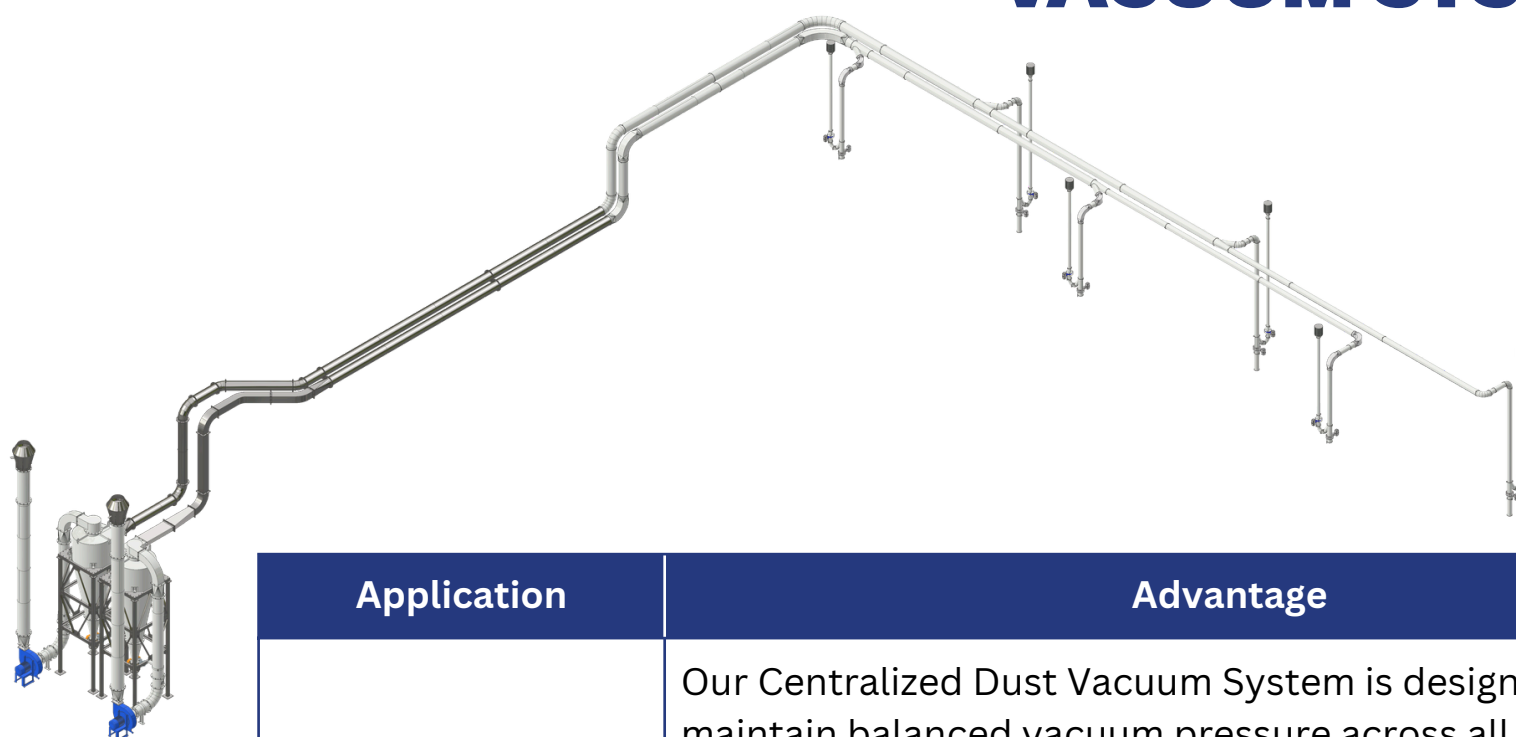


# CENTRALIZED GARNITURE COOLING SYSTEM



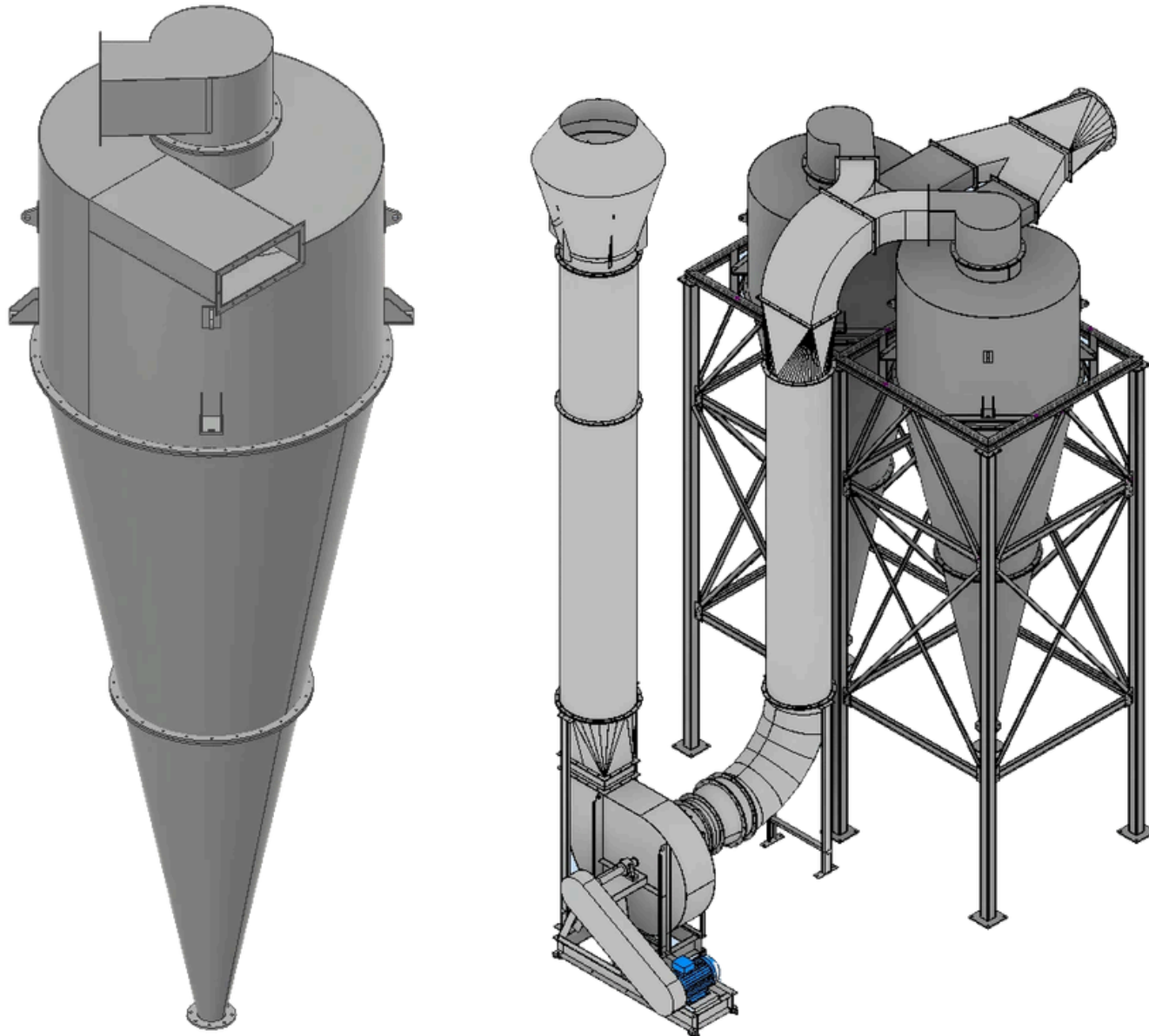
Application	Advantage
Garniture Cooling	<p>Our Centralized Garniture Cooling System is designed to unify the cooling of each machine into one streamlined circuit. This innovative system maintains the ideal temperature for your garniture base, preventing overheating and ensuring optimal performance.</p> <p>Maintaining the garniture tape at the normal temperature, it not only extends its lifespan but also reduces machine downtime, minimizing rod break and allowing for smoother and more efficient operations.</p>

# CENTRALIZED DUST VACUUM SYSTEM



Application	Advantage
Cigarettes Maker Machine	<p>Our Centralized Dust Vacuum System is designed to maintain balanced vacuum pressure across all machines in your dust collection system. This ensures consistent dust extraction efficiency throughout your production line.</p> <p>By automatically adjusting the vacuum pressure with an Automatic Air Control System, it keeps dust levels optimal, contributing to a cleaner and more efficient production environment.</p>

# HIGH EFFICIENCY CYCLONE (HEC)



Type	Capacity (m <sup>3</sup> /h)	Function	Advantages
HEC - 1000	1800	Collects tobacco dust during the process.	<ol style="list-style-type: none"> <li>1. Serves as a replacement for conventional dust collectors, effectively capturing dust without using filter bags and preventing particles from being released into the air.</li> <li>2. Maintenance-free design, no filter replacement or cleaning required, ensuring continuous and reliable operation.</li> </ol>
HEC - 1200	3960		
HEC - 1800	8640		
HEC - 2100	11880		
HEC - 2400	15840		

# CLOVE OIL CAPTURING SYSTEM

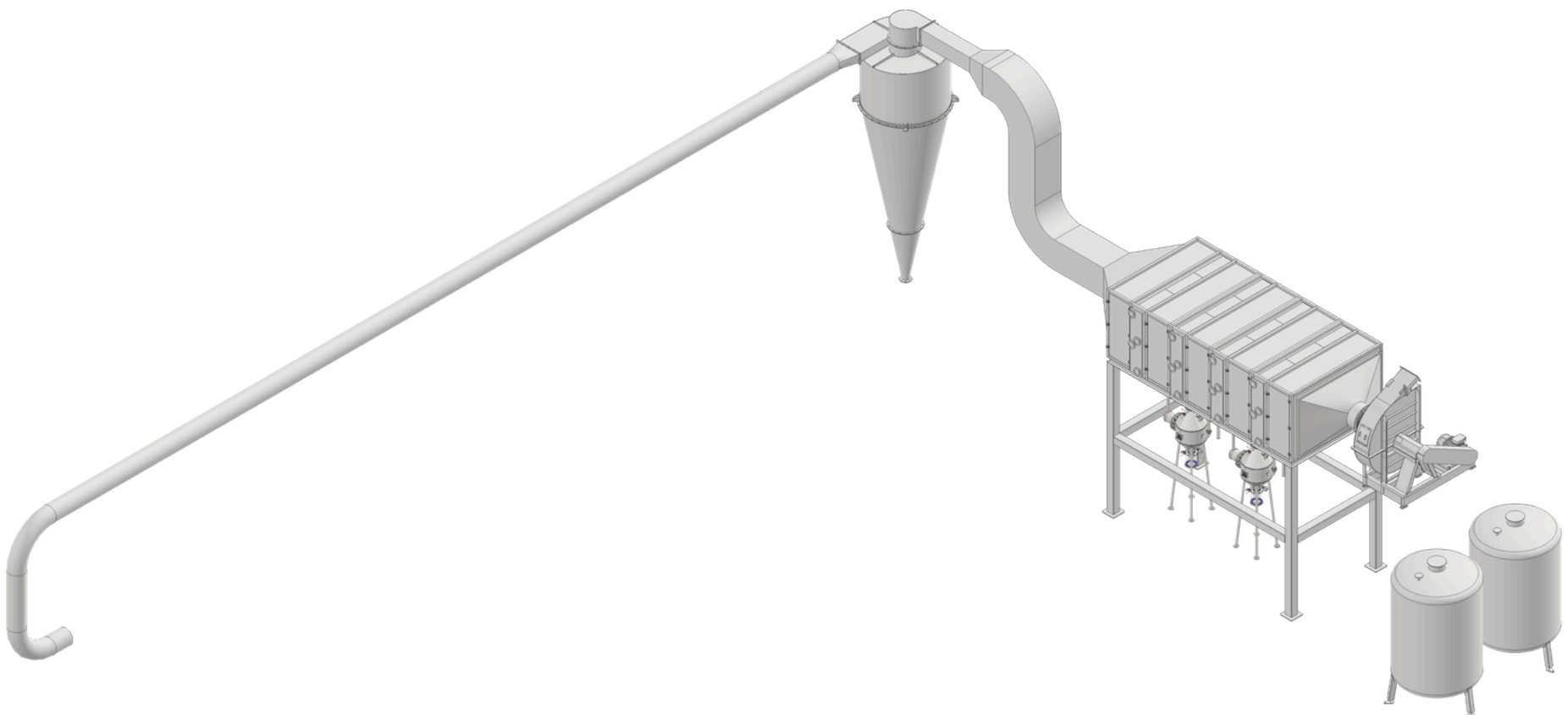
PT Buana Multi Teknik presents the **Clove Oil Capturing System**, an advanced solution engineered to efficiently collect and recover clove oil vapors generated during the tobacco and clove processing stages. This system ensures cleaner air discharge, minimizes material loss, and enhances overall production efficiency while maintaining product quality.

During the kretek cigarette production process, a significant amount of valuable clove oil (eugenol) is released into the air. Without proper recovery, these vapors can cause product loss, odor issues, and environmental impact.

The Clove Oil Capturing System effectively traps and condenses these vapors through a series of filtration and cooling mechanisms, allowing the recovered oil to be reused or safely handled.

## Benefits

- Recovers valuable clove oil to maximize production yield.
- Improves workplace air quality and hygiene.
- Reduces environmental emissions and product waste.
- Achieves up to 1% eugenol recovery.



# MACHINE INSTALLATION SERVICES

At PT Buana Multi Teknik, we offer comprehensive **Machine Installation Services** specifically designed for the tobacco processing industry.

Our Machine Installation Services are aimed at ensuring your equipment is set up efficiently, operates at peak performance, and integrates seamlessly into your production line.

With years of experience in the tobacco industry, we are your trusted partner for all your machinery installation needs.

What We Offer:

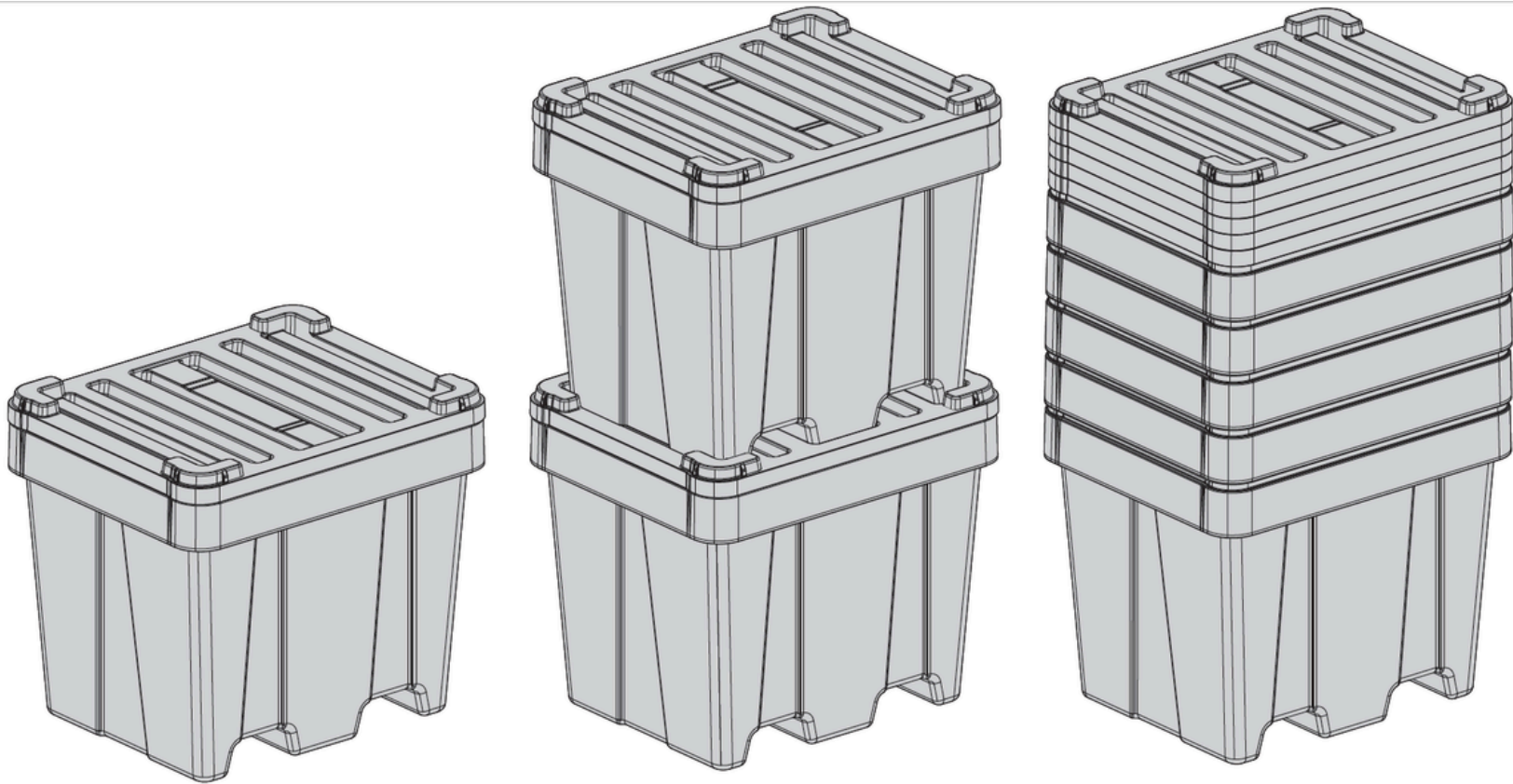
- **Consultation:** We assess your specific needs and provide personalized solutions for optimal machine setup.
- **Installation:** Our experienced technicians handle the complete installation process.
- **System Testing and Commissioning:** We rigorously test your equipment to ensure it operates smoothly and meets industry standards before production begins.

We offer complete solutions that enhance the productivity and efficiency of your tobacco processing operations.

## Installation



# STACKABLE MULTIPURPOSE BIN CONTAINER

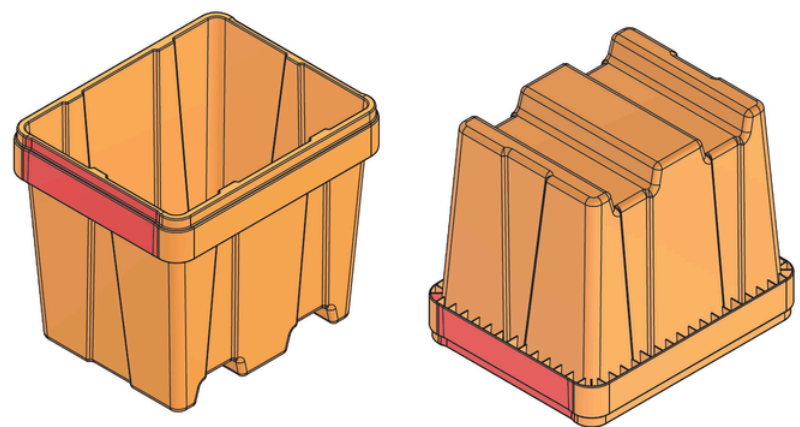


<b>Material</b>	HDPE
<b>Overall Dimension (mm)</b>	1155 x 940 x 990
<b>Overall Weight (kg)</b>	± 34
<b>Net Volume (Ltr)</b>	Up to 800
<b>Stacking Capacity (kg)</b>	Up to 600
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Supports Automation: BMT bin design enables automatic discharge by bin de-stacker and material filling at the Bin Filling Station.</li> <li>2. Contamination-free bin design: Preserves material quality by preventing air contact and environmental exposure.</li> <li>3. Easy Handling: Designed for easy lifting with a forklift, simplifying logistics.</li> <li>4. High Strength: Capable of supporting up to 600 kg in stacked loads for efficient and safe storage.</li> <li>5. Space-saving Storage: Bins can be stacked to maximize storage efficiency.</li> </ol>

Order Quantity		
Sea Freight Container	Qty	Unit
20 ft	72	Set
40 ft	144	
40 ft (High Cube)	168	

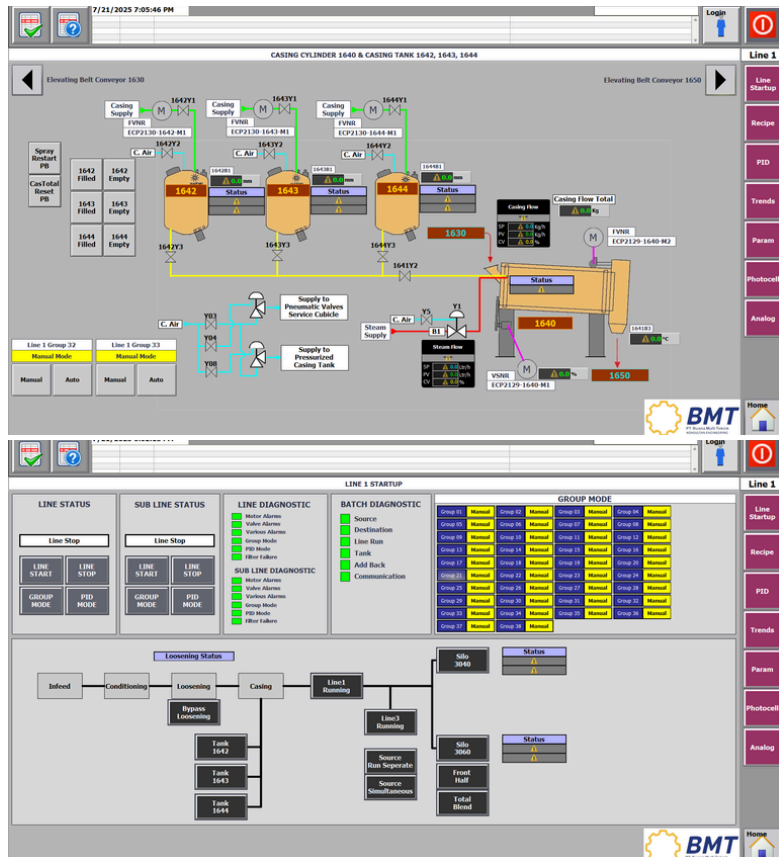
\*Also available for individual unit purchases.

\*Special requirements possible on colour request (etc)



# CONTROL SYSTEMS DESIGN AND IMPLEMENTATION

## Human Machine Interface (HMI)



Human Machine Interface (HMI) is the smart gateway between your operators and machinery, providing clear, real-time visuals and controls for seamless operation. Our cutting-edge HMI solutions simplify complex processes with intuitive touchscreens and interactive displays, making it easy to monitor, control, and optimize your production.

## Panel Design & Manufacture

Panel Design & Manufacture is the expert process of engineering and building customized control and electrical panels that serve as the command center for your machines, equipment, or entire industrial systems. Our panels house high-quality electrical components and advanced control devices designed to ensure seamless, safe, and efficient operation.



## Retrofit Drive System



PT. Buana Multi Teknik offers expert retrofit drive system solutions, upgrading or replacing the existing drive mechanism of a machine or equipment with a new or improved drive system to enhance performance, efficiency, or reliability—without replacing the entire equipment.

# MACHINING & FABRICATION SERVICES

Our Workshop also offer Fabrication & Machining Services, providing high-precision.

What We Offer:

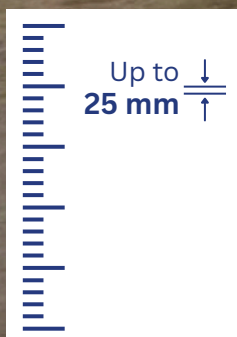
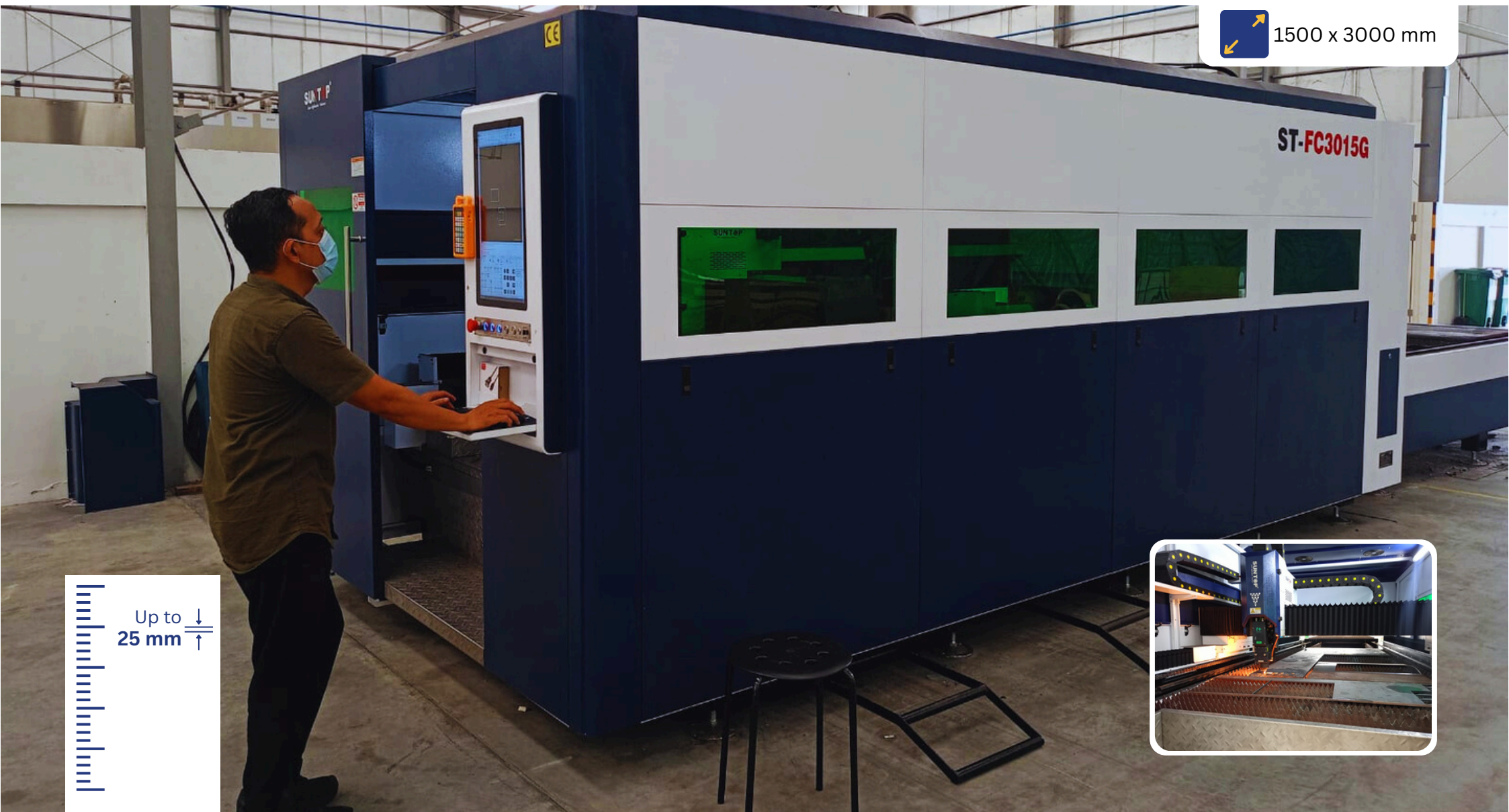
- Laser Cutting
- Laser Engraving
- Turning Services
- Milling Services
- Welding & Assembly

Applications of **Machining & Fabrication Services:**

- Tobacco Industry
- Custom Products
- Prototyping and Manufacturing
- Branding and Marketing

## Laser Cutting Machine

1500 x 3000 mm



### High Precision

Laser cutting machine delivers extremely high cutting accuracy, even for complex geometric shapes. This ensures consistent and precise components based on CAD designs.



### Clean Contour

Using a laser cutting machine results in smooth edge finishes, eliminating the need for additional sanding or surface finishing.



### Various Materials

Laser cutting is compatible with a wide range of materials including Stainless Steel, Mild Steel, Aluminum & Brass. This versatility makes it ideal for any industries.



### High Production Speed

The cutting process is fast and efficient. It significantly reduces production time compared to traditional cutting methods, especially in mass production.

# MACHINING & FABRICATION SERVICES

## LATHE MACHINE / MILLING



We are ready to assist you beyond manufacturing. Our skilled Engineers work closely with clients to design, improve, and develop your ideas, Through open discussion and technical insight, we help develop practical, value-added solutions tailored to your needs.

## TURNING MACHINE / BUBUT



We offer high-precision turning services for various metal components such as bushings, threaded parts, shafts, and more. Operated by experienced professionals, every part is crafted with accuracy and care – ensuring a perfect fit to your technical requirements. With turning capacity up to 350 mm in diameter and 800 mm in length, we accommodate both custom and repeat production with consistent quality.

## OUR PARTNER



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## OUR CLIENTS



**“Trusted Solutions - Driven by Passion, Strengthened by Experience  
for Tobacco, Clove & Food Processing Machinery”**









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