

Our Company Profile

Langgeng Jaya Group

Plastic Recycle
for Sustainable Future

Our products are ready to challenge environmental issue to the next level

— Langgeng Jaya Group is committed to be a competent partner in producing high-quality plastic recycling products. Plastic waste has grown into an extraordinary issue nowadays, and we have come up with a new technology capable to reproduce useful products from it.

WHY PLASTIC RECYCLING?

For over 50 years plastic production all over the world has been speeding up twice faster.

▼
SOURCE:
DATA WORLD ECONOMIC FORUM 2018

— It takes years for plastic waste to decompose underground. We dispose on average 5 kg of plastic waste per second, 300 kg per minute, and 19,000 kg per hour. In the end, we are facing the biggest problem from the waste that we created ourselves.

If no actions were taken, National Geographic reveals there will be approximately 12 billion tons of plastics in landfill. We dedicate ourselves to bring solution to this problem with plastic recycling. It is an efficient way to reduce the amount of plastic waste and to produce new profitable goods for everyday needs.

ABOUT LANGGENG JAYA GROUP



For over 10 years our team has been doing research on various kinds of plastic materials. We focus mainly on PET material as this is the only material that can goes through recycling process several times.

Langgeng Jaya Group was established in 2006 which consists of 2 sub-companies: PT Langgeng Jaya Plastindo and PT Langgeng Jaya Fiberindo. We provide a series of solid products such as PET Flakes, PP, LDPE, HDPE Pellets, PET Woven Bags & FIBC, PSF (Polyester Staple Fiber), Non-Woven Needle Punch, Padding & High Density Padding, Spunbond, Strapping Band, PVD (Prefabricated Vertical Drain), and Shopping Bag. Our factories are each located in Gresik and Tangerang. Everyday we are supported by dedicated and professional staff that are capable to deliver plastic recycle solutions. We produce:

72,000 TON PER YEAR	7,200 TON PER YEAR
PET Flakes	PP, LDPE & HDPE Pellets
21,600 TON PER YEAR	1,440 TON PER YEAR
Polyester Staple Fiber (PSF)	Strapping Band

We always do research on the latest technology to strive for better achievement in quality as a plastic recycling manufacturer. Langgeng Jaya Group has now evolved as the notable plastic recycling manufacturer.



VISION & MISSION

VISION ▾

To be the most innovative plastic recycling manufacturer with the world's leading technology

MISSION ▾

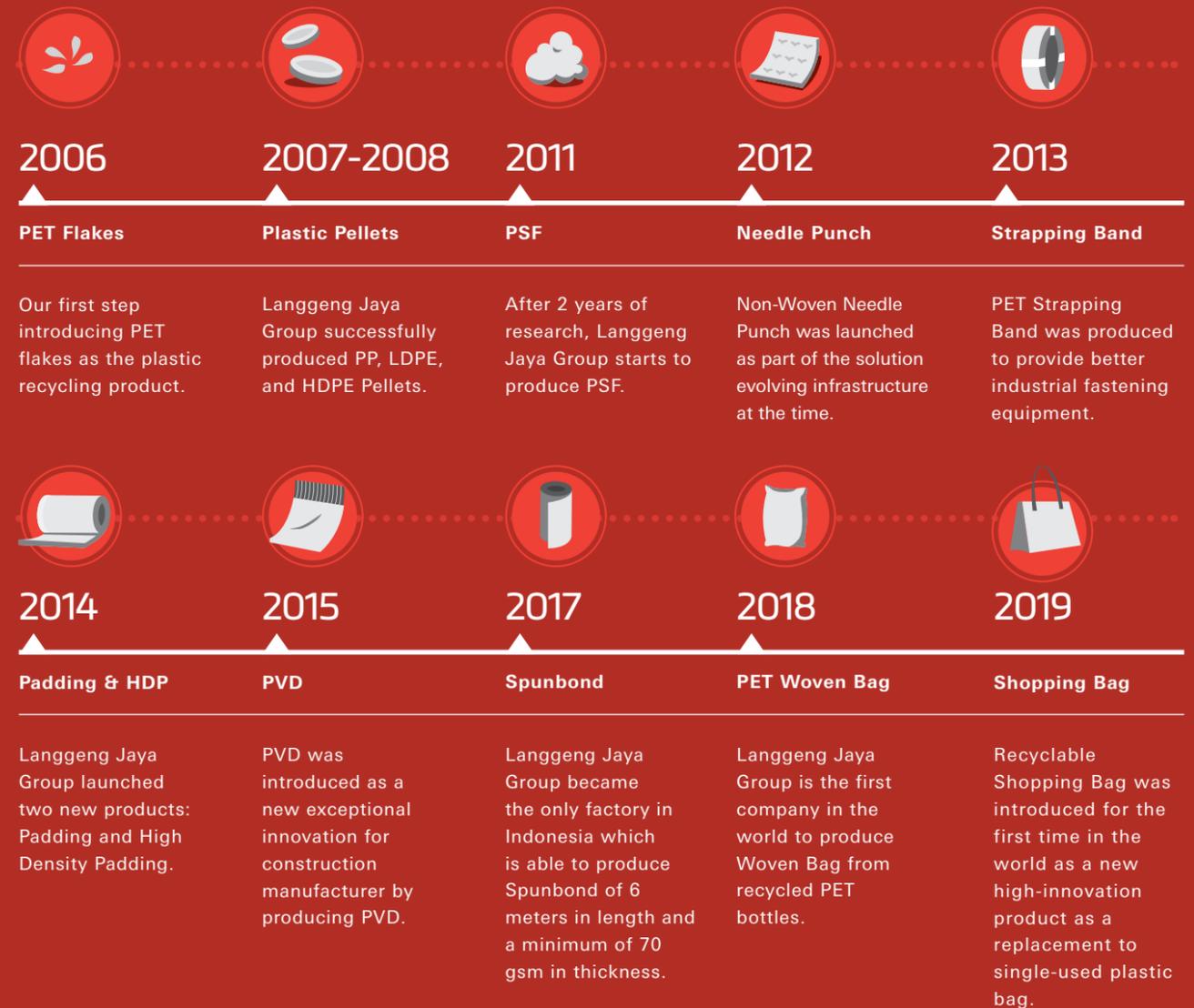
01. Following the outgrowth of the recent technology about plastic recycling

02. Empowering recycling technology to help reduce plastic waste in the world

03. Changing the plastic waste into various useful and profitable goods

MILESTONE

Langgeng Jaya Group is committed to create a better environment by developing plastic waste recycle system. Our valuable achievements are as follows:





COMPANY VALUE

01



▽
INNOVATION

— We are delighted to invest in the latest machine technology as a step to our commitment in delivering positive impact to environment.

02



▽
SUSTAINABILITY

— We are hand in hand in delivering a better environment for our future and minimizing the amount of plastic waste.

03



▽
QUALITY CONSISTENCY

— We guarantee the products you receive are all in great condition.

OUR PRODUCT

— We facilitate helpful benefits through a variety of products to encourage people making small changes for the environment every day. All of our products are easy and customizable



01 ► PET FLAKES

Langgeng Jaya Group is the forefront company in Indonesia, well known to be able to recycle PET material with capacity of 72,000 tons per year by optimizing the use of our automatic sorting filter which has high accuracy.



Specification

GRADE AA CONTAMINATION

PVC CONTENT
≤ 0.003% (30ppm)

OTHER IMPURITY
≤ 0.005% (50ppm)

GLUE RESIDUE / GLUE
≤ 0.01% (100ppm)

COLOUR

- Natural/Clear
- Light Blue
- Blue
- Green

GRADE A CONTAMINATION

PVC CONTENT
≤ 0.005% (50ppm)

OTHER IMPURITY
≤ 0.01% (100ppm)

GLUE RESIDUE / GLUE
≤ 0.03% (300ppm)

PURPOSE

For the raw material in many industries



FOR ANY OTHERS SPECIFIC REQUEST, PLEASE CONTACT OUR COMPANY

02 ► PP, LDPE, HDPE PELLETS

Our plastic pellets adopt the latest filter technology that is not commonly used in Indonesia. The filter has self cleaning capability to restraint contamination that will keep the quality intact. This plastic pellet has a capacity production up to 7,200 tons per year.



▼ **PP**



▼ **LDPE**



▼ **HDPE**

Specification

FILTER MESH
40 — 150
mesh mesh

COLOUR

- Natural/clear
- White
- Yellow
- Red
- Blue
- Green
- Black

PURPOSE

Strapping Band, Pallets, Woven Bags, Chairs, Etc.

COLOUR

- Natural/clear
- Blue
- Black

PURPOSE

Bottle Cap, Bucket, Hoses, Plastic Bag, Container, Etc.

COLOUR

- Natural/clear
- White
- Yellow
- Red
- Blue
- Green
- Orange
- Gray
- Black

PURPOSE

Agricultural Products, Bottles, Jerrycans, Gallons, Pipes, Etc.



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03 ▶ PET WOVEN BAG & FIBC



The first solution in the world for industrial logistics activities begins with food, chemicals, building materials, etc. This product has characteristics that are stronger and thinner to provide more capacity and also as a ventilation to keep the product fresh. The capacity production is 1,440 tons per year

Specification



▼ **FIBC**
TYPE

- ▶ Circle/Tube Type
- ▶ U-Panel Type
- ▶ 4-Panel Type
- ▶ Custom



▼ **GEOTEXTILE**

We also have a type for geotextile.



▼ **PLANTER BAG**

An innovative solution for gardening pots.



▼ **WOVEN BAG**

TYPE

- ▶ Sack

ADVANTAGE

- | | |
|--------------------|--------------------------------------|
| ▶ Strong & durable | ▶ High-temperature resistance |
| ▶ Recyclable | ▶ UV resistance |
| ▶ Food grade | ▶ Thinner, 30% more capacity storage |
| ▶ Steadier | ▶ Aroma barrier |

Produced by



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04 ▶ SHOPPING BAG



Our Shopping Bag is a new invention as a substitute for single-used plastic bags and can be made on-demand in terms of size, color, printing type, and so on. Our shopping bags are easy to clean, can be used repeatedly and can be loaded up to 25 kg. Our capacity reaches 1,200 ton per year.



ADVANTAGE

- | | |
|-------------------------|------------------------------------|
| ▶ Eco friendly | ▶ Steadier |
| ▶ Multi-color printable | ▶ Water resistance & easy to clean |
| ▶ Strong & reusable | ▶ Can be used as promotion media |
| ▶ UV resistance | ▶ Multiple times recycling |

Produced by



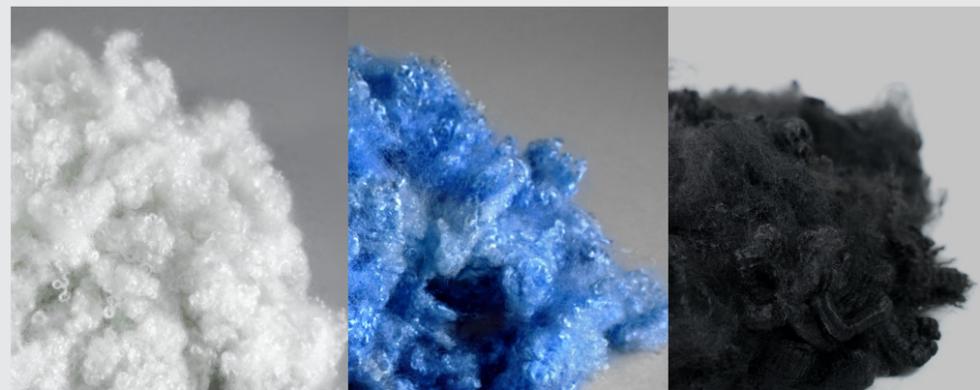
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05 ► POLYESTER STAPLE FIBER (PSF)

Langgeng Jaya Group is a fiber manufacturing company with a capacity of 21,600 tons per year. It produces different types or sizes ranges from 1.5D to 30D Solid and Hollow from 3D to 25D. PSF is used in various industries such as pillows, dolls, non-woven, and others.

Specification

	▼	▼	▼
	HOLLOW CONJUGATED SILLICONIZED	HOLLOW CONJUGATED NON-SILLICONIZED	SOLID
SIZE	7D, 9D, 15D	7D, 9D, 15D	0.9D, 1.2D, 1.4D, 1.5D, 3D, 6D, 7D, 9D, 15D, 20D, 30D
LENGTH	32 mm, 51 mm, 64 mm, 72 mm, 76 mm	32 mm, 51 mm, 64 mm, 72 mm, 76 mm	32 mm, 51 mm, 64 mm, 72 mm, 76 mm
PURPOSE	Mattress, Pillow/Bolster, Doll, etc	Raw materials of non-woven products	Raw materials of non-woven products



Produced by



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06 ► NEEDLE PUNCH, PADDING & HIGH DENSITY PADDING

We also produce Non-Woven products. We can provide a width up to 6 meters for Needle Punch products. We also accept customization's requirement from customers for Padding and High-Density Padding. Our Needle Punch capacity is 2,400 tons per year while Padding & HDP reaches 1,200 tons per year.



Specification

	▼	▼	▼
	NEEDLE PUNCH	PADDING	HIGH DENSITY PADDING
THICKNESS	150 — 600 gsm gsm	1.5 — 12 oz oz	300 — 2000 gsm gsm
PURPOSE	Carpet, Spring bed, Shoe soles, Geotextile, etc	Blanket, Jacket, Mattress, Bed Cover, etc	Water filter, Hydroponic, Silencer, etc

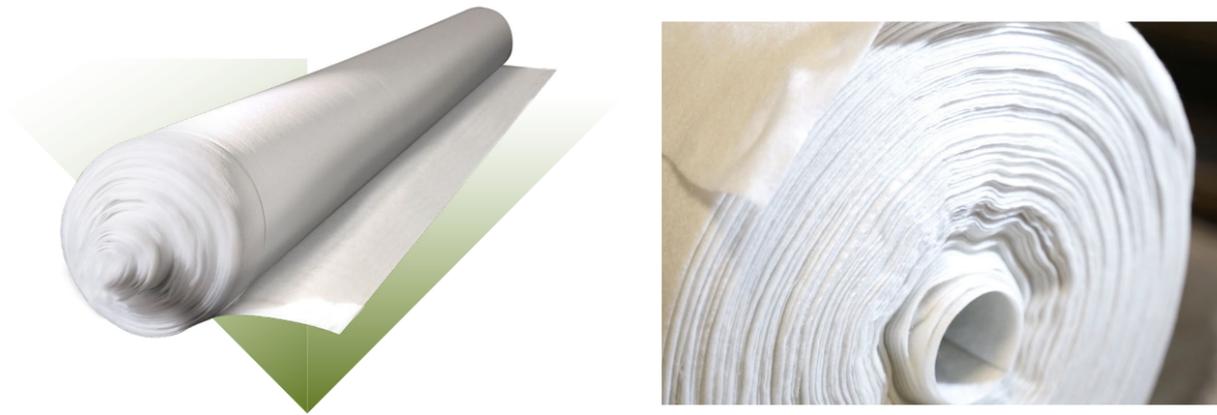
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07 ► SPUNBOND

The Spunbond we created is the only one in Indonesia that can get along with geotextiles. We provide Spunbond with thickness of 70 – 700 gsm with width of 6.3 as the maximum. Our Spunbond product production reaches 6,000 tons per year.



Specification

THICKNESS

70 — 700
gsm — gsm

WIDTH

1 — 6.3
meter — meter

PURPOSE

Geotextile, Shopping Bag, etc

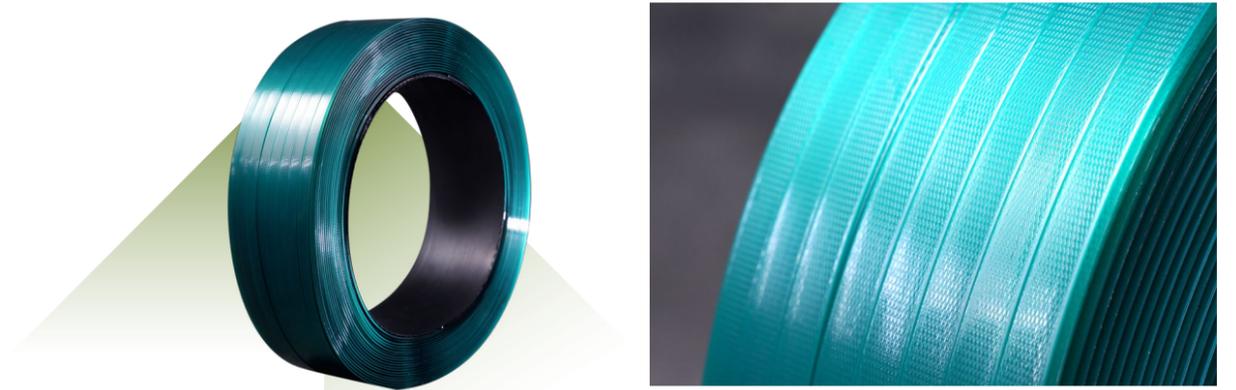
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08 ► PET STRAPPING BAND

We are the first company in Indonesia that distributes PET Strapping Bands by using Solid State Polycondensation (SSP) Technology. This technology is suitable for industries that require high strength binds. We also provide a variety of sizes and colors that can be used to support national handicraft industry. Our capacity reaches 1,440 tons per year.



Specification

CATEGORY

- ▷ Premium Grade
- ▷ High Grade
- ▷ Handicraft

TYPE

- ▷ Embossed
- ▷ Non-Embossed

ADVANTAGE

- ▷ Cheaper & alternative than steel strapping
- ▷ No sharp edges, prevent the injury
- ▷ Water & UV resistance
- ▷ Recyclable

Produced by



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09 ► PREFABRICATED VERTICAL DRAIN



Langgeng Jaya Group is one of the first companies to produce PVD in Indonesia. PVD is capable to improve soil structure contained high water content such as swamps and peat soils. After that, soil is ready to use. The capacity reaches 4,800,000 meters per year.

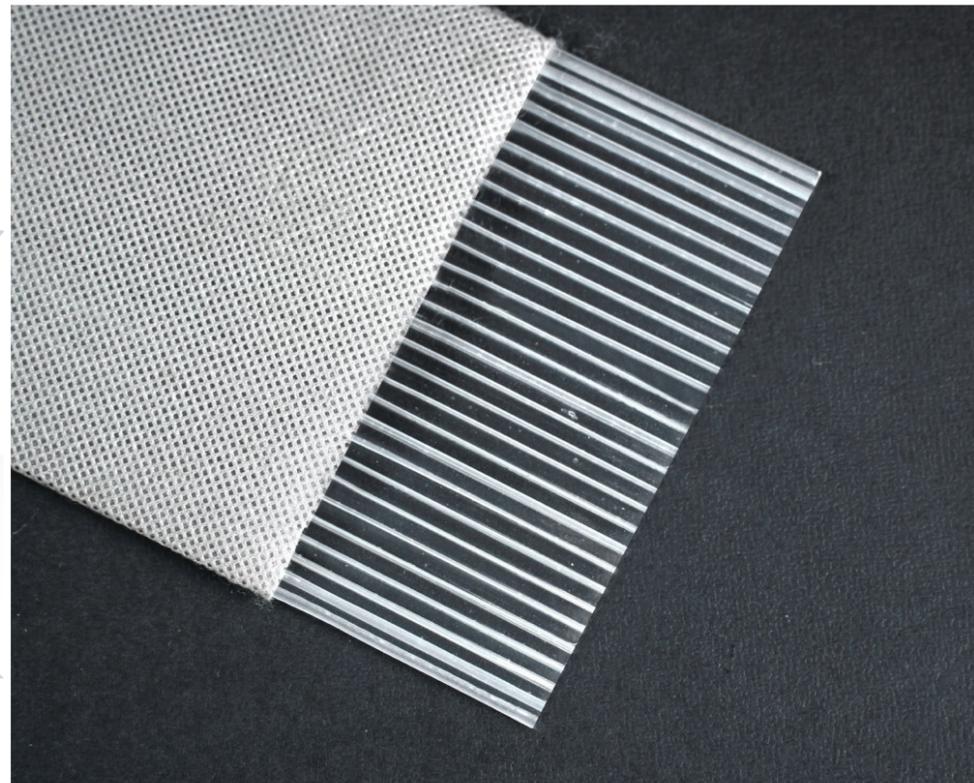
Specification

ADVANTAGE

- ▷ High mechanical strength & bending
- ▷ Easy & fast installation
- ▷ Accelerate the consolidation

PURPOSE

- ▷ Residential & Industrial Land
- ▷ Highway, Road, Railway, Airplane runway, Port construction, etc



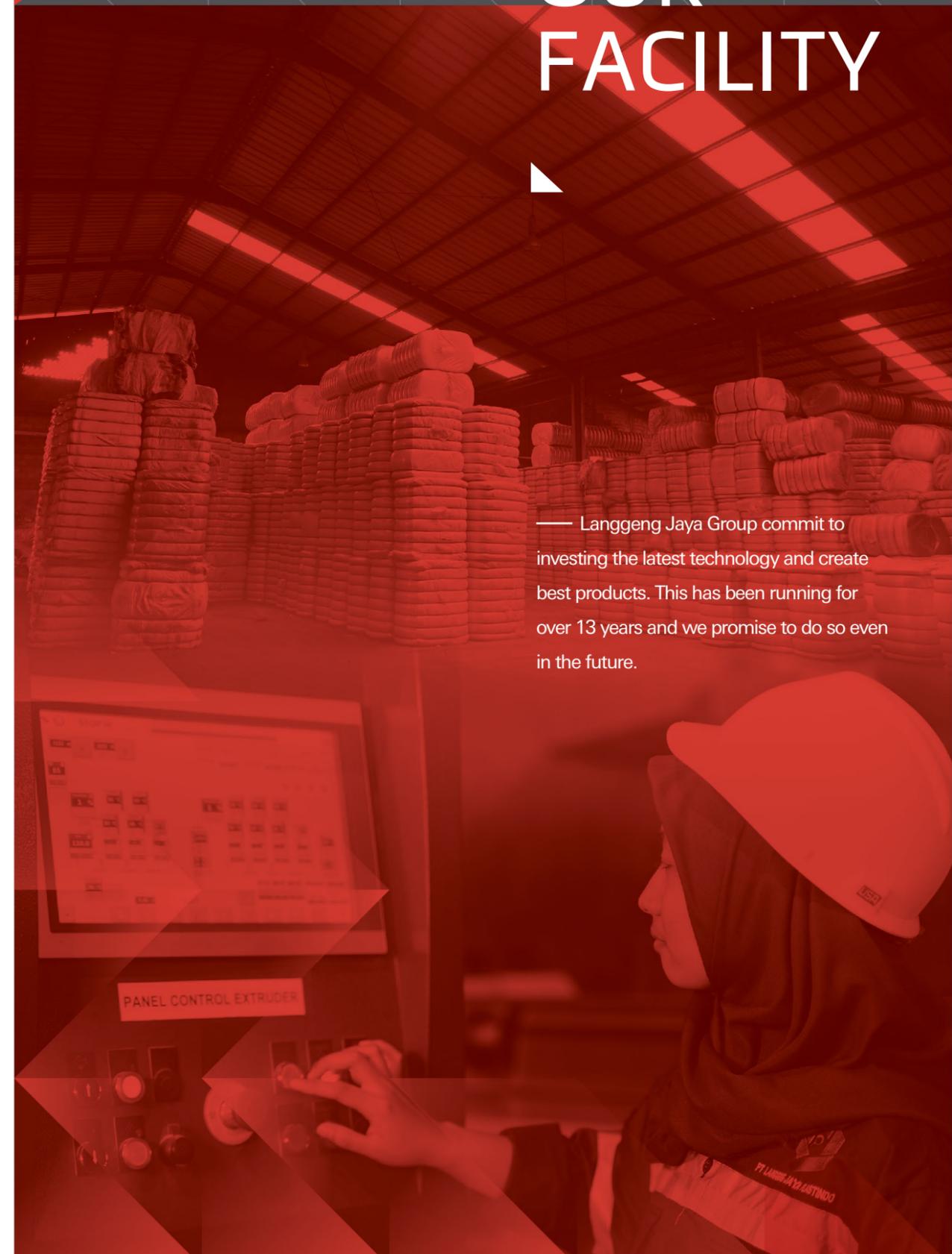
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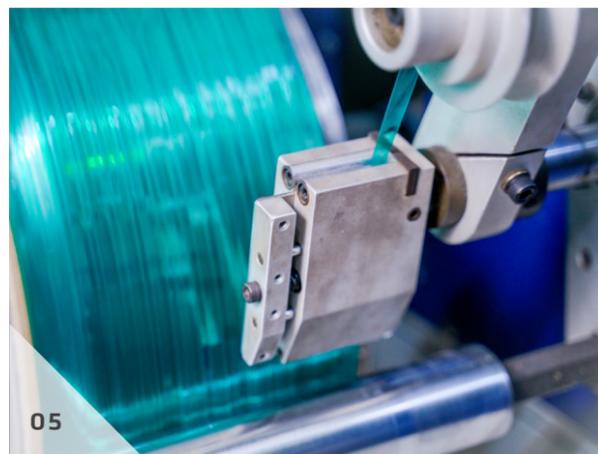
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OUR FACILITY

— Langgeng Jaya Group commit to investing the latest technology and create best products. This has been running for over 13 years and we promise to do so even in the future.



OUR FACILITY



Information:

- 01 Raw Material
- 02 SSP Machine
- 03 PET Flakes Extruder
- 04 PSF Extruder
- 05 Strapping Band Extruder
- 06 Spunbond Extruder
- 07 Woven Bag Extruder
- 08 Quality Control
- 09 Laboratorium

CONTACT US



We are always ready to be your partner, please make sure to contact our company for any inquiries or interests.

PT Langgeng Jaya Plastindo

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