



The LMJB series is a production line of plastic extrusion laminating machine. This machine is specifically designed for laminating PP circular woven jumbo bags. Its main design feature ensures that after laminating, the PP circular woven jumbo bags have a smooth surface without wrinkles, in addition to strong adhesion.



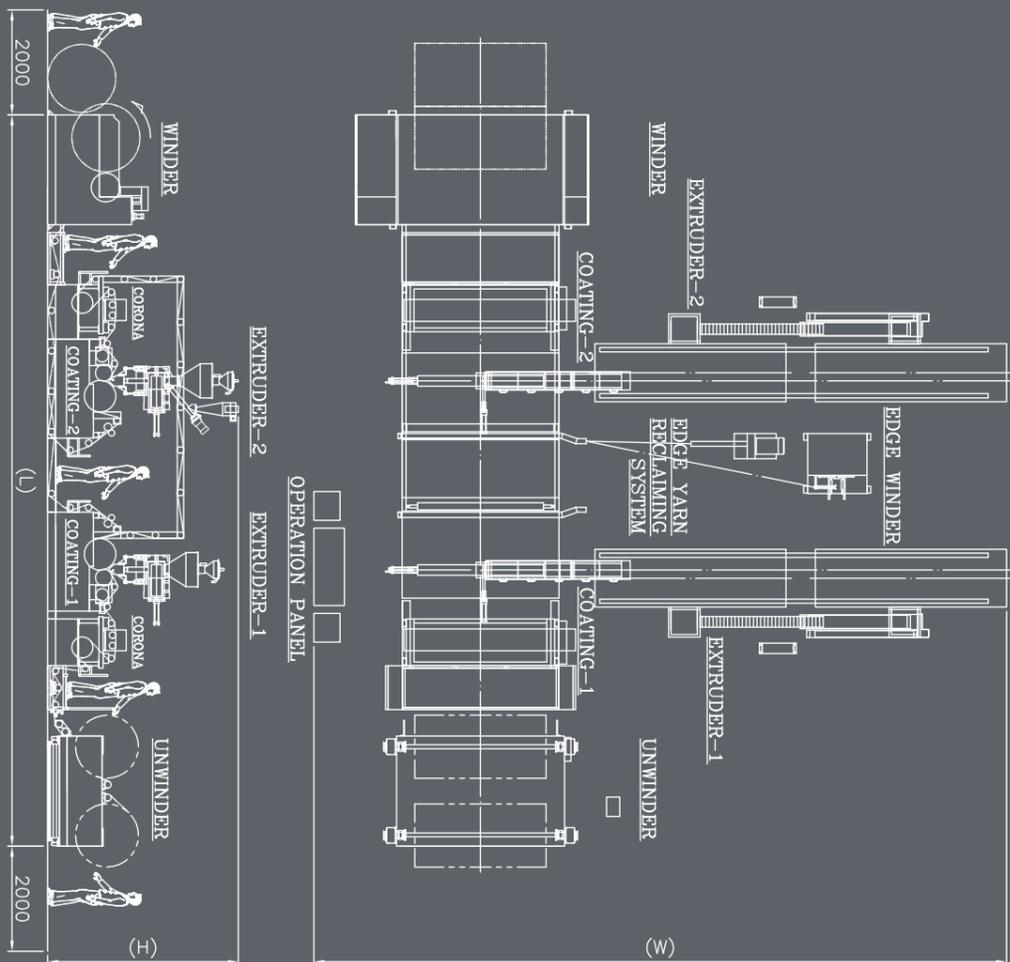
SPECIFICATION

ITEM / MODEL	TY-LMJB115-22S	TY-LMJB120-24S
Extruder Max. Capacity	350 kg / hr	400 kg / hr
Max. line Speed	100 m / min	100 m / min
Coating Thickness	0.03 mm - 0.05 mm	0.03 mm - 0.05 mm
Screw Diameter/multiple	115 mm / 32D	120 mm / 32D
T-die Width	2250 mm	2450 mm
Coating Width	1050 mm - 2050 mm	1050 mm - 2250 mm
Pp Jumbo Bag Weight	180 - 240 gsm / m ²	180 - 240 gsm / m ²
L x W x H	12000mm x 10000mm x 2800mm	13000mm x 11000mm x 2900mm

ITEM / MODEL	TY-LMJB115-22D	TY-LMJB120-24D
Extruder Max. Capacity	350 kg / hr x 2	400 kg / hr x 2
Max. line Speed	100 m / min	100 m / min
Coating Thickness	0.03 mm - 0.05 mm	0.03 mm - 0.05 mm
Screw Diameter/multiple	115 mm / 32D x 2	120 mm / 32D x 2
T-die Width	2250 mm	2450 mm
Coating Width	1050 mm - 2050 mm	1050 mm - 2250 mm
Pp Jumbo Bag Weight	180 - 240 gsm / m ²	180 - 240 gsm / m ²
L x W x H	12000mm x 14000mm x 2900mm	13000mm x 14000mm x 3000mm



Jumbo Bag Laminating Machine / LMJB Series
EXTRUSION LAMINATING LINE



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The winding unit is equipped with automatic length measuring and cutting function for fabric roll change.



Edge material recycling device, where the trimmed material is crushed and directly mixed with the raw material before extrusion.



Automatic EPC edge trimming and cutting device, with provision to reserve extra film width without cutting into the fabric.



PLC program with a user-friendly HMI touchscreen interface, interlocking operation of all units and data memory as optional.



Corona surface treatment is beneficial for lamination bonding and adhesion.



Unwinding unit configures with missing fabric detection and automatic unwinding change device; not only running with magnetic brakes, pneumatic disc brakes can be used as optional.

MULTI-PURPOSE

The LMJB series serves two main laminating functions:

- Double-sided lamination of PP circular woven jumbo bags, which requires two coating processes to complete with one extruder. On the other hand, double-sided lamination can also be completed in one step with two extruders.
- Single-sided lamination of PP woven jumbo bags, which requires one coating process.

FEATURES

- A special screw design generates high-quality thin films with uniform discharge.
- Equipped with PLC programming and an HMI device, facilitating thickness setting, synchronized speed control, and parameter memory in operation.
- Unwinding unit automatically detects fabric insertion, while the winding unit can automatically change fabric rolls based on preset length.
- The unwinding unit and winding unit maintain fabric roll flatness through an automatic tension control system and specially designed guide wheels.
- Customized designs are available according to customer requirements.



MAGUIRE Gravimetric Blender, to mix multiple raw material in a precise ratio.

LMJB OPTIONAL EQUIPMENT

JUMBO BAGS LAMINATING LINE	STANDARD	OPTIONAL
Vertical Mixer	●	●
Maguire Gravimetric Batch Blender	●	●
Special Chiller Roller	●	●
Water Cooling System	●	●
Air Compressor	●	●
Electric Chain Hoist Device	●	●