



TLFB series is an economical design of extrusion fibrillating tape line, and low power consumption produces high performance as the main feature.



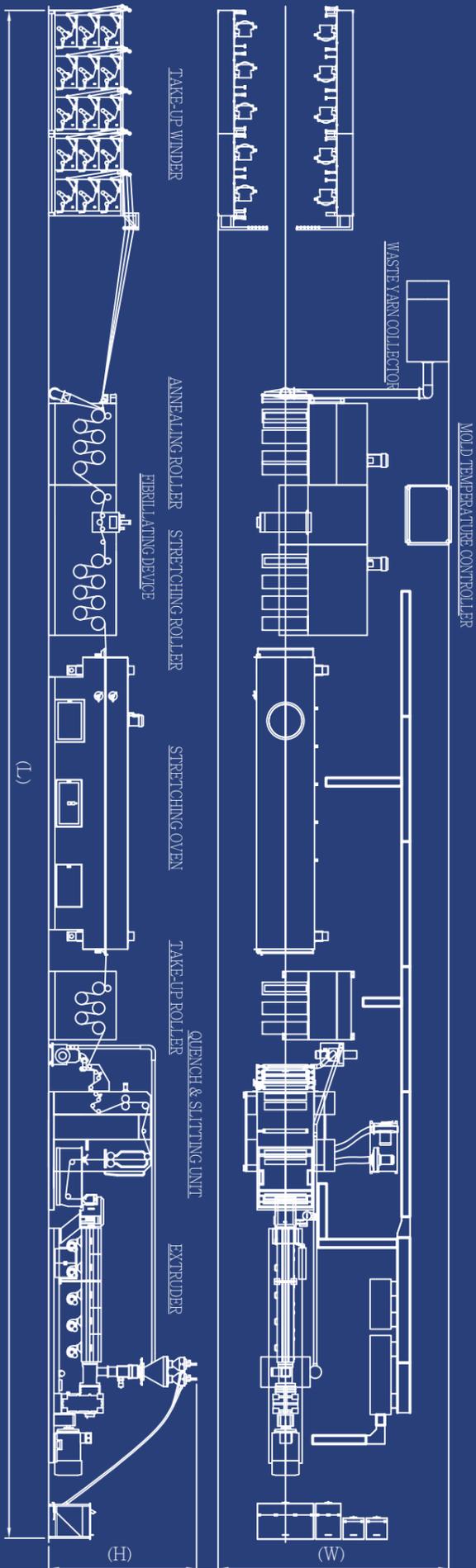
Burckhardt-Fibrillation



Burckhardt-Fibrillating roller



PP / HDPE Fibrillating Tape Line Making Machine / TLFB Series
EXTRUSION FIBRILLATING TAPE LINE



SPECIFICATION

ITEM / MODEL	TY-TLFB100-1000-30HF-ST1	TY-TLFB115-1300-42HF-ST1	TY-TLFB125-1500-54HF-ST1
Max. Capacity	300 kg / hr	400 kg / hr	500 kg / hr
Max. Line Speed	250 m / min	250 m / min	250 m / min
Denier	4500 - 22000	4500 - 22000	4500 - 22000
Screw Diameter / Multiple	100 mm / 34D	115 mm / 34D	125 mm / 34D
T-die Width	1000 mm	1300 mm	1530 mm
Effective Width	900 mm	1190 mm	1400 mm
Auto Tension Take - up Winder	30 pcs	42 pcs	54 pcs
L x W x H	39000mm x 4700mm x 4050mm	41000mm x 4900mm x 4150mm	43000mm x 5100mm x 4250mm

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Inverter type and automatic tension control winder, the light-weight design of the tape guide slide achieves power saving performance.



Fibrillating device with pneumatic lifting.



Front and rear two-component strip edge device can be exchange for increased productivity.



PLC program control & Human Machine Interface, it's easy to operate and data memorize.



Quench take-up unit, with extrusion device, film cooling forming, and water removal system to keep the film even.



Double layer auto-screen changer, metering gear pump and T-die thermal insulation design.

FEATURE & ADVANTAGES

TLFB series is mainly used in PP fibrillating tape line production, it used for twisting by twisting winder into carpet backing, artificial lawn or grass, ropes, sewing yarn, and packaging cords.

- Max. speed: 250 m/mins
- Max. capacity: 500 kg/hr
- Special screw design to produce high quality and stable discharge.
- Improve the physical property of fibrillating tape to the highest tensile strength and tension
- PLC programing and human machine interface with interlocking operation.
- Stretching oven with airflow and temperature stability design.
- Tape winder can set the diameter value of tape for winder change warning by LED light.
- Machine customization.



MAGUIRE blender(optional), and its function is to automatically cut and mix according to the proportion of raw materials.

TLFB OPTIONAL EQUIPMENT

EXTRUSION TAPE LINE	STANDARD	OPTIONAL
Vertical Mixer	●	●
Maguire gravimetric batch blender	●	●
Nano-infrared industry heater	●	●
Melt Pump	●	●
Auto control Water cooling system	●	●
Thickness Measurement System	●	●
Inverter control of stretching oven	●	●
Inverter control of waste yarn collector	●	●
Screw type Air compressor	●	●
Special HDPE equipment	●	●