



AUTOMATIC BAGGING MACHINE

MODEL **7CM-TS**

The Worlds Fastest Bag Making & Filling System

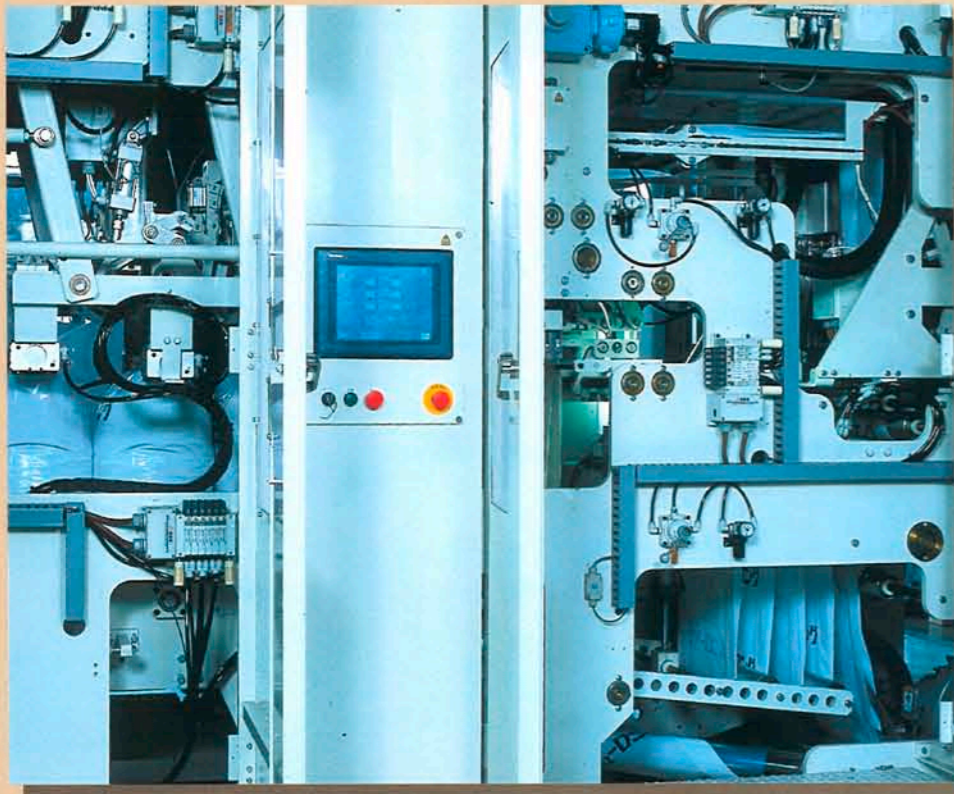


Operating at speed of 30 bags/min.

NEWLONG MACHINE WORKS, LTD.



Side Gusseted PE Film Bag Making, Products Filling and Bag Top Sealing, Three Major Process in A One-Line Operation at The Worlds Fastest Speed of 30 bags/min.



FEATURES

All operation from PE roll unwinding to the finished bag (including bag filling and bag top sealing) on to the delivery conveyor are performed in a one-line continuous operation. The whole process including bag making, products filling, and bag top sealing are done fully automatically by PLC based controls at the local operation panel.

The machine incorporates a newly introduced duplex net weigher along with a high speed chute and operates at a speed of 30 bags/min. based on 25 kg filled bag weight of resin pellets.

Center Part in Overall View



Operation Control Board with Graphic Indication

For easy understanding of the current machine condition and confirmation of various settings, illuminated indicator is also furnished. Sealing temperature can be set at the most suitable temperature for the film property and/or surrounding site condition.

CONSTRUCTION

BAG MAKING STATION

- Drawing Unit/Dancer Rollers: Keeping adequate web tension and bag length, it draws web to down stream.
- Pin-hole Device: Perforating vent pin-holes on the bag to get-off air during palletizing after filling bags.
- Corner Sealing Unit: Sealing corners of bags for optimum bag shape to get the stability of bags.
- Bottom Sealing/Cooling Unit: Sealing bag bottom, cutting for bag mouth and cooling the bottom.

PRODUCTS FILLING STATION

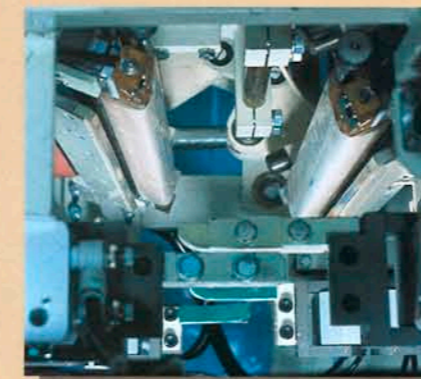
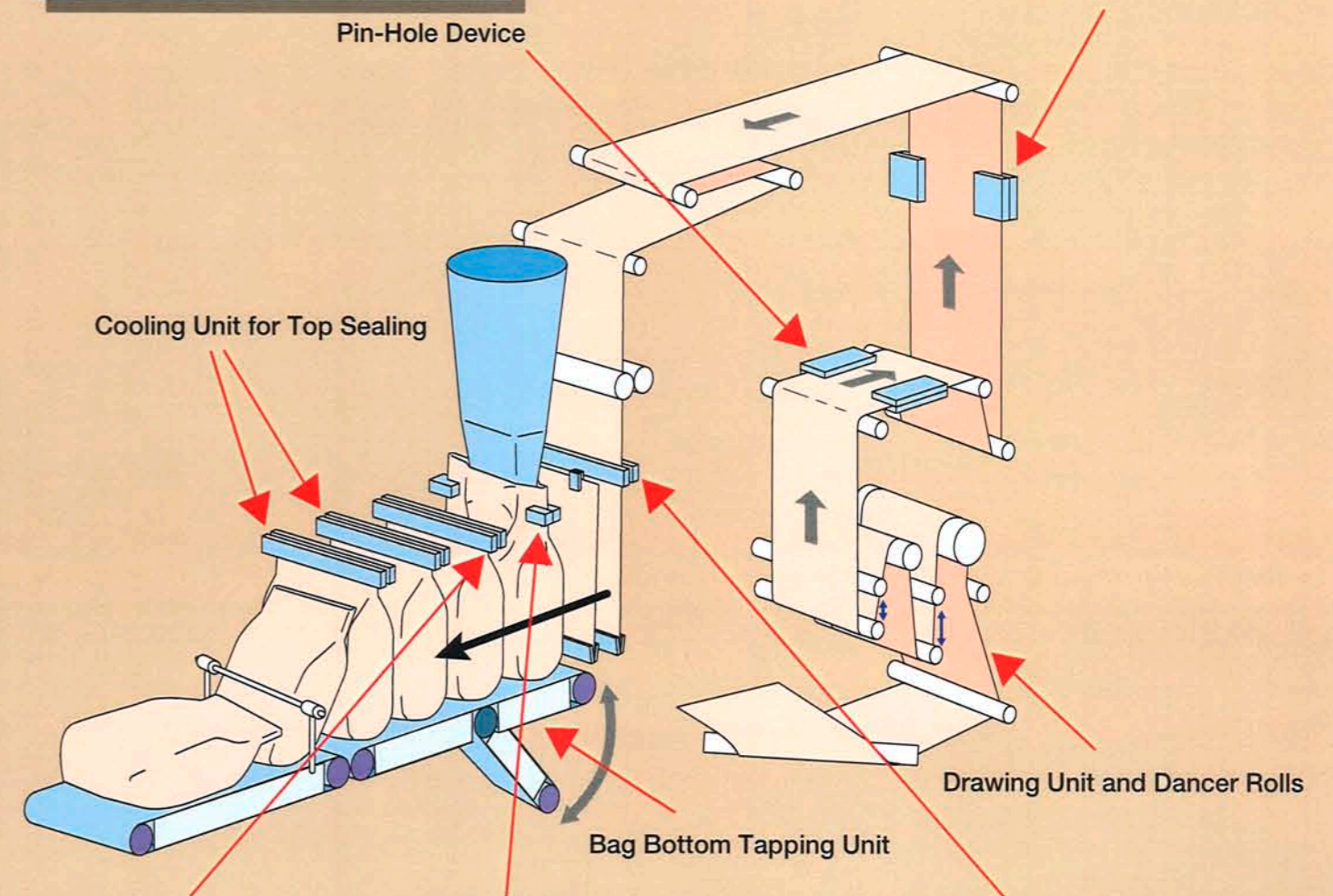
- Bag Clump/Opening Unit: Bag clamp bars hold bags and open the bag mouth.
- Filling Chute/Spout: Filling the weighed products into bags through spout inserted into the bag mouth.
- Top Sealing/Cooling Unit: Sealing and then cooling the bag top firmly before discharging bags.



Pin-Hole Device



Corner Sealing Unit



Bag Top Sealing Unit

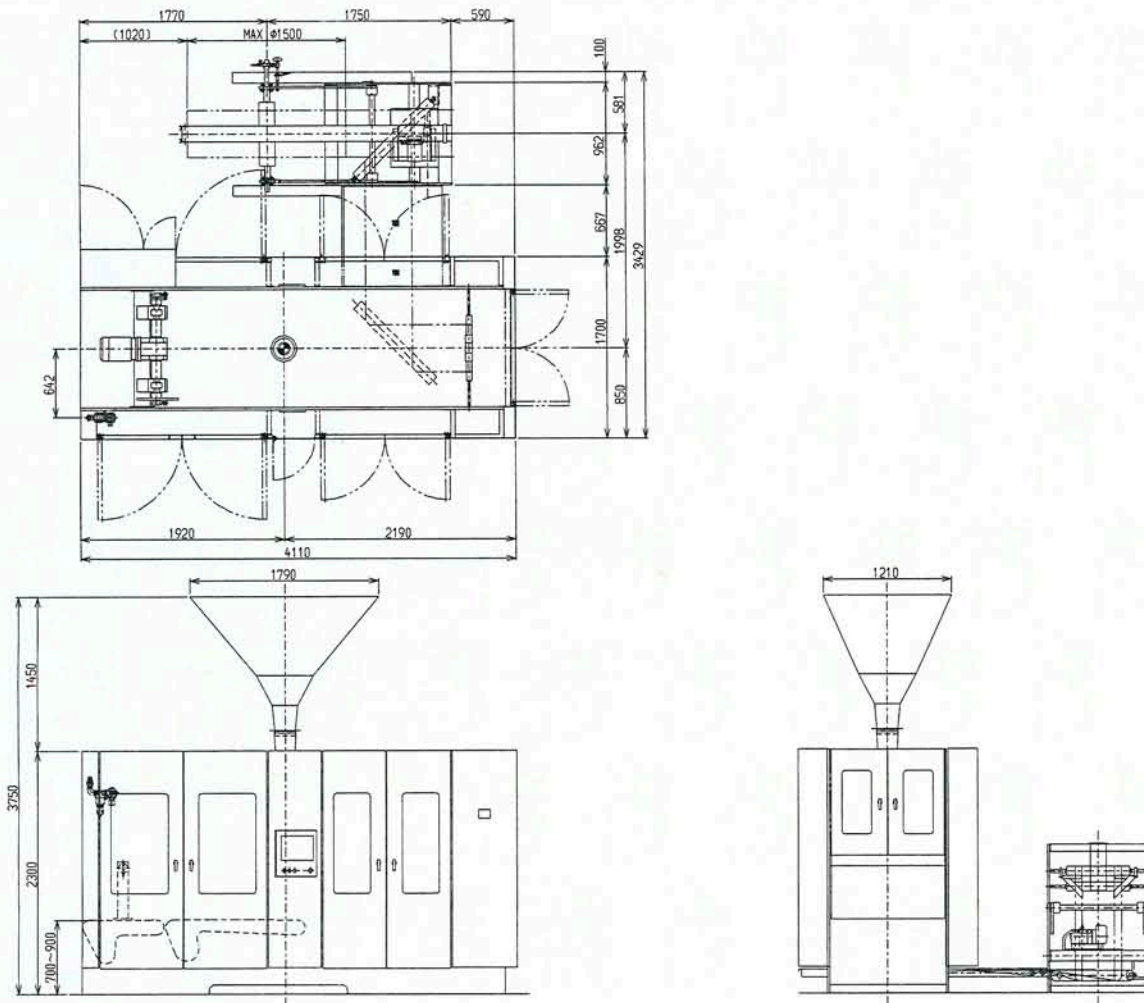


Bag Opening and Products Filling Unit



Bottom Sealing Unit

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According to customer's requirement, various types of unwinder available as option.



Filled bag is well-shaped and suitable for palletizing

MAJOR SPECIFICATIONS

Operation Capacity	Max.30 bags/min.	Products Set Weight	25kg
Products to be Bagged	Resin Pellet or Similar	Weighing Accuracy	±1/1000 FS,2 σ

APPLICABLE BAG SPECIFICATIONS

Film Thickness	130-200 micron	Distance between Gusset	260mm, Standard
Film Roll	Gusseted Roll Tube	Bag Bottom Sealing	Impulse Seal
Outer Diameter	Max.1500 mm	Bag Mouth Sealing	Impulse Seal
Inside Core Diameter	150 mm	Corner Sealings	Hot Plate
Empty Bag Length	700 - 850 mm	UTILITIES	
Empty Bag Width	380 - 460 mm	Compressed Air Consumption	1270 N ℓ /min.
Gusset Depth	35 - 80 mm	Electrical Consumption	24.0 kVA

Remarks

Operating speed is subject to the final confirmation depending on products physical property and/or bag specifications.

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