

# LM-650

back seam woven sack maker

Automated Process for High  
Operational Efficiency

Power Savings due to Integrated  
Tubing & Bag Making

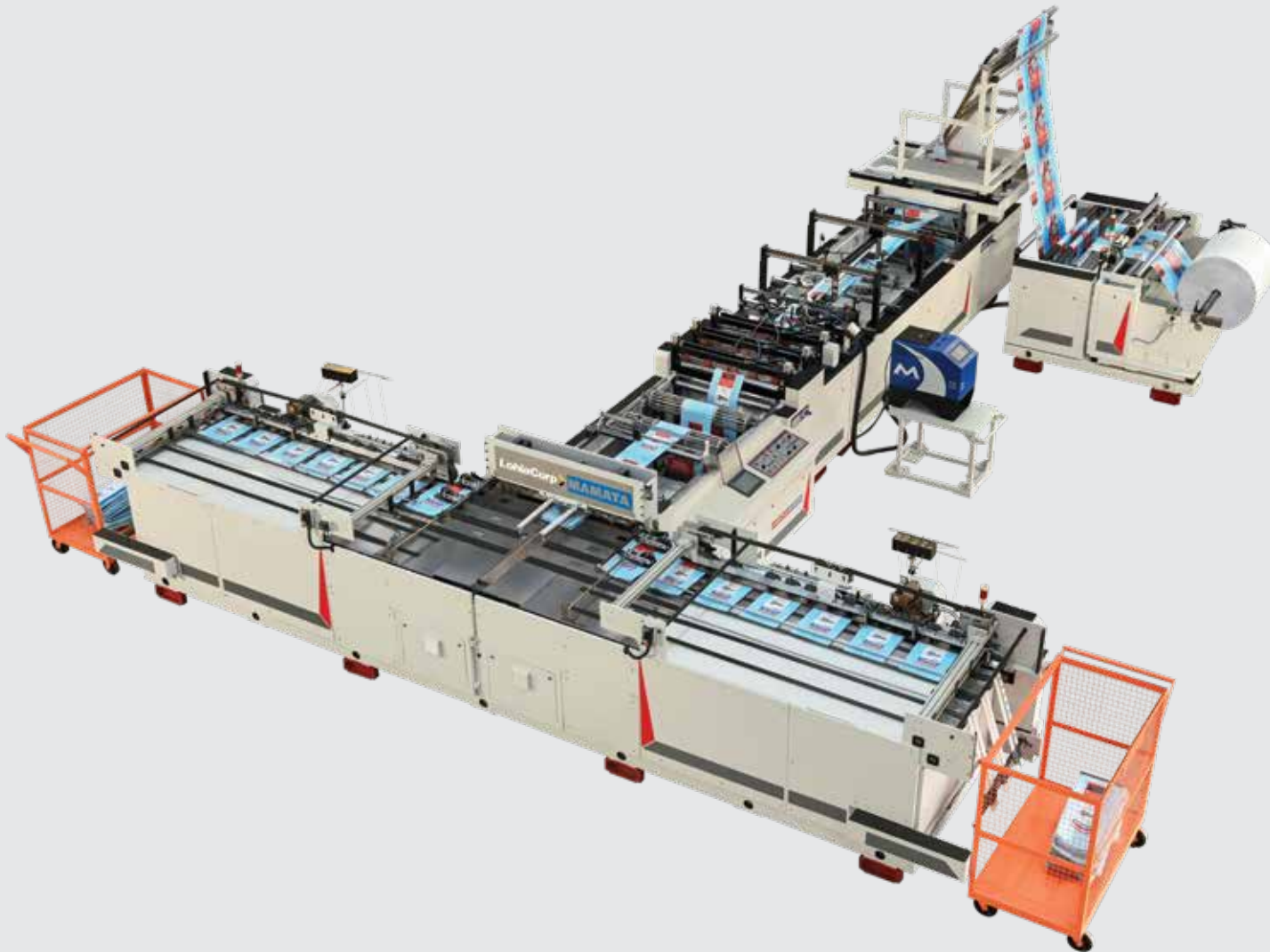
Compact Size with High Productivity

Saves Manpower, Material & Space



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**LM-650** is the world's first high speed "Back Seam Sack" making machine from woven polypropylene tape fabric in flat form, laminated with reverse printed BOPP film, thereby giving a premium look for retail packaging. It is a compact machine equipped with integrated tubing and bag-making operations resulting in huge space savings.

These sacks are ideal solution for small and mid-size retail packaging segment (rice, flour, chemicals, fertilizer, pulses, pet foods, building materials & many

more) and are much lighter and stronger compared to traditional flexible laminated pouch bags. The use of polypropylene material makes these sacks re-usable and 100% recyclable.

Lohia Corp Limited & Mamata Machinery have combined their expertise & experience to offer LM 650 which offers efficient production with considerable savings of material and manpower.

**World's first high speed  
integrated tubing and bag  
making machine**

Input Flat Fabric width  
**525 - 1560 mm**

Cutting Length  
**300 - 1100 mm**

Processing Width (Without Gusset)  
**250 - 650 mm**

Processing Width (With Gusset)  
**250 - 500 mm\***



#### **UNWINDING UNIT**

The unwinding unit is center driven with built-in servo tension control system, fabric accumulator as well as edge positioning control system to automatically make minor adjustments and align the web with precision.



#### **TUBE FORMING & GLUING UNIT**

The machine is equipped with universal tube forming system from coated/laminated flat fabric with inline hot melt gluing for making back seam tube, with or without gussetting.



#### **BAG TRANSFER UNIT**

Servo based bag pick-up and placing system after the cutting, ensures alternate transferring of bags on conveyors mounted on right as well as left hand side for higher productivity. The bags are then conveyed to the section where bottom folding and stitching takes place.



#### **BAG STACKING & CONVEYOR UNIT**

**Auto Switch-off:** The sewing machine automatically stops when no cut lengths are received

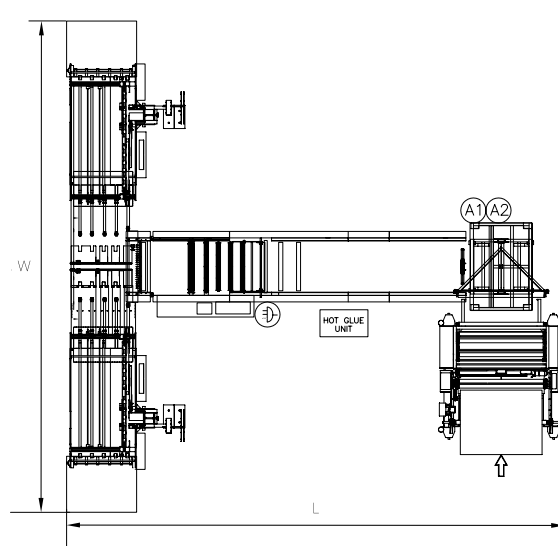
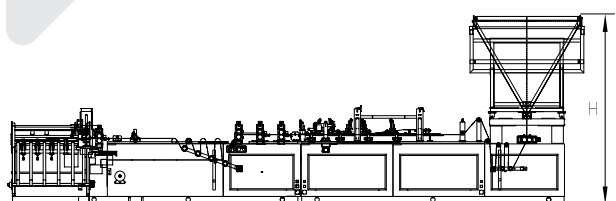
**Thread Cutter Unit** is operated through an electronic sensor for smooth operation.

**Set Stack Quantities:** The finished bags are discharged onto a delivery unit after counting and stacking the pre-set number of bags.

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**LohiaCorp**  
**MAMATA**



## LM-650

Processing Capability	PP/HDPE Laminated Woven Fabric
Input Flat Fabric Width	525 - 1560 mm
Input Flat Fabric Roll Diameter	1200 mm/1000 kg
Cutting Length	300 - 1100 mm <sup>#</sup>
Side Gusset	50 - 75 mm <sup>##</sup>
Processing Width (Without Gusset)	250 - 650 mm
Processing Width (With Gusset)	250 - 500 mm <sup>*</sup>
Production Speed (max.)	80 <sup>**</sup> (bags/min.)*
Limiting Line Speed	65 m/min
Dimensions (L x W x H)	10.0 x 10.0 x 3.0 m

<sup>#</sup> Depending on type of bag.

<sup>##</sup> Gusset Size variation expected to be within +/- 3 mm.

<sup>\*</sup> Depend on Gusset Size.

<sup>\*\*</sup> Depending on type of bag, material, thickness, end folding pattern, stitching pattern and draw-length.

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