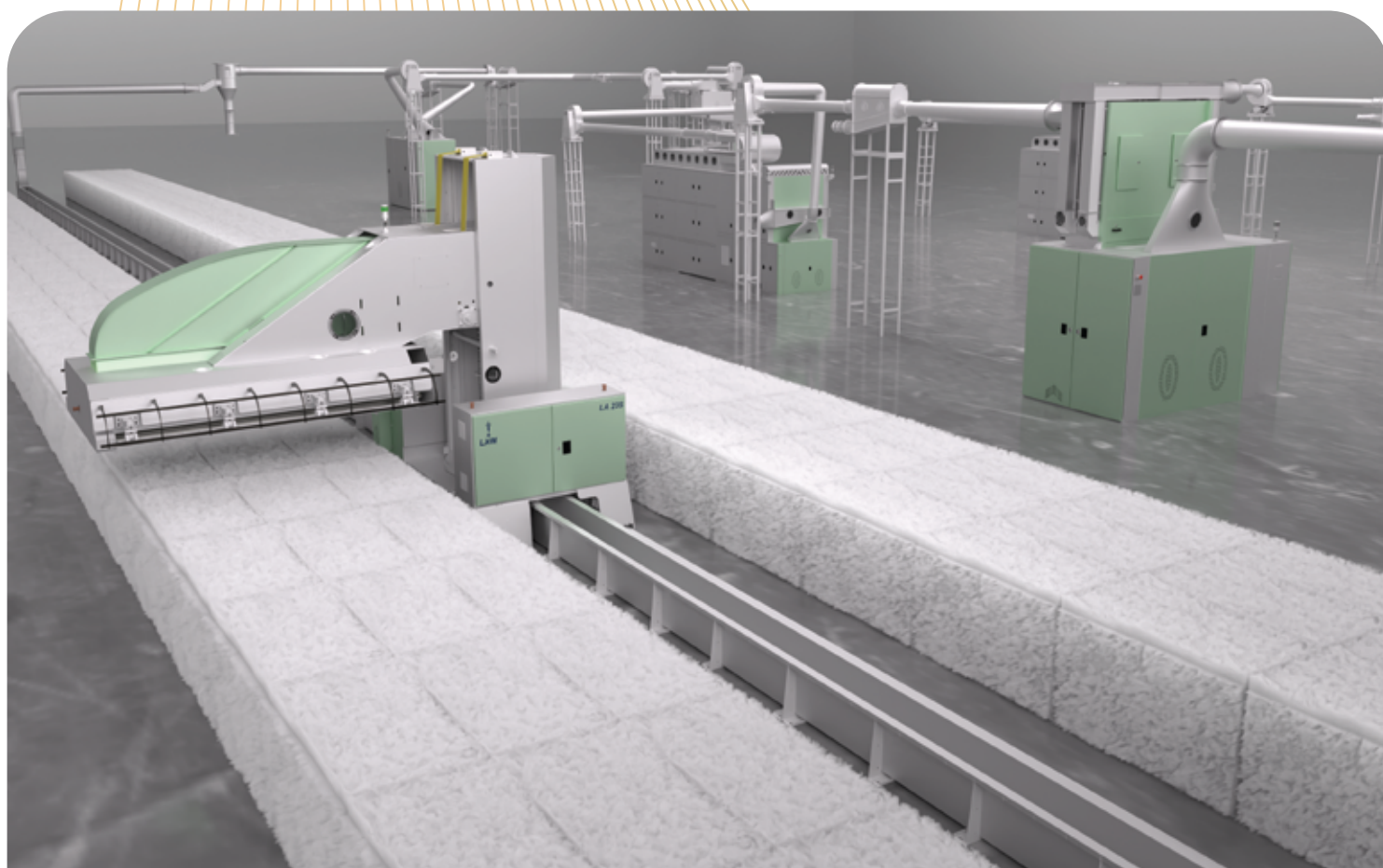


4S SUSTAINABLE
SMART SOLUTIONS FOR
SPINNING
SUCCESS



GENTLE BLOWROOM





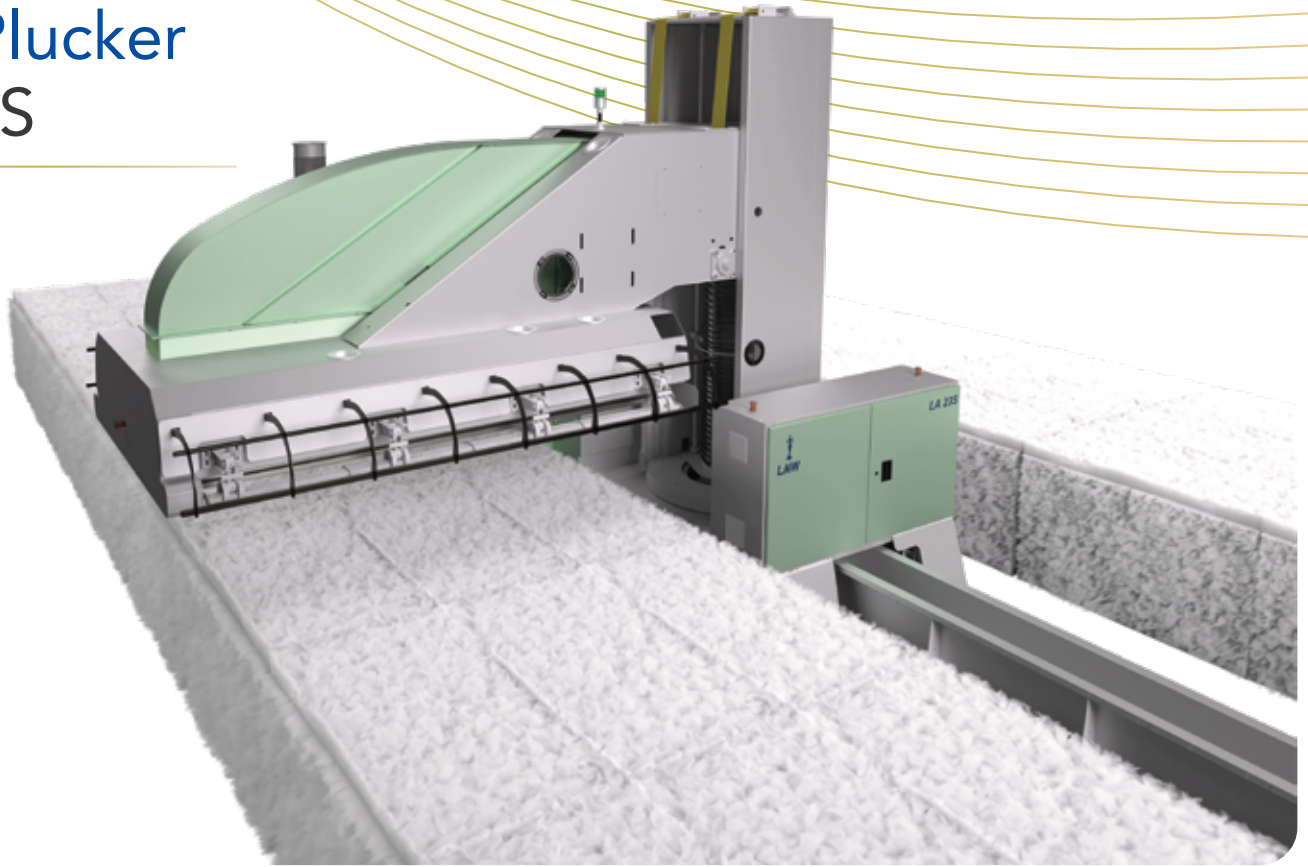
Gentle Blowroom Line

LMW's versatile GENTLE BLOWROOM LINE is designed to process cotton, manmade, and regenerated fibers, making it ideal for all spinning applications. The adaptable range of machines provides spinners with the flexibility to select machinery tailored to their production needs, whether for combed, carded, synthetic, blends, mélange, airjet, or open-end processes. Engineered for high productivity, consistent quality, and homogeneous blending, the Gentle Blowroom Line ensures gentle cleaning, efficient opening, and effective microdust extraction through its advanced technological elements.

The Gentle Blowroom Line includes the following machines:

- Bale plucker LA23/S, automated line with production capacity of up to 2000 kg/hr with auto scanning arrangement and suitable to process 4 assortments.
- Swift floc LA21, automated line with production capacity of up to 600 kg/hr, suitable to process 2 assortments.
- Varioclean LB9/2, Integrated opening, cleaning and dedusting machine with a production capacity of up to 1600 kg/hr.
- Unimix LB7/4 and LB7/6, High output of up to 800 kg/hr with 6 Chambers (LB7/4) and 1000 kg/hr with 8 Chambers (LB7/6). Enhanced value of mixing through homogeneous blending and efficient opening and cleaning with automatic grid bar to beater setting.
- Flexiclean LB5/6, Controlled fibre feed for optimum opening and maximum cleaning efficiency with a production rate of up to 600 kg/hr with working width of 1200mm.
- Supremoclean LB10/2, the machine is equipped with a pressurized feed chamber for material feeding, uniform filling by feeding flaps and trio feed roller for better compacting. The production capacity is up to 1000 kg/hr.
- Auto blend LA10, blending of various material with a maximum throughput of up to 2000 kg/hr (4 modules with max. 500 kg/hr each). Automatic feeding system without any Manual Intervention to blending accuracy levels of +/- 1%. Minimum blending ratio possible is 99:1.

Bale Plucker LA23/S



SALIENT FEATURES

- Higher Production up to 2000 kg/hr
- Working width of 2300 mm
- Machine with Auto Scanning Arrangement
- Automatic Turning of the head at any point of the track
- Inverter and PLC controlled movement of Trolley, Plucking head and Tower
- Twin Plucking and Contact Roller
- Deeper suction channel with roll up covering belt
- Turning mechanism by simple drive using timing belt
- Easily replaceable plucking tooth
- Inbuilt seed trap arrangement

FLEXIBILITY

- Suitable to process upto 4 assortments
- Automatic varying of plucking depth based on the density of the bale and assortment
- Track length of 20m to 50m in steps of 2.5m
- Only teeth need to be replaced as per scheduled maintenance
- Inverter driven suction motor at delivery area

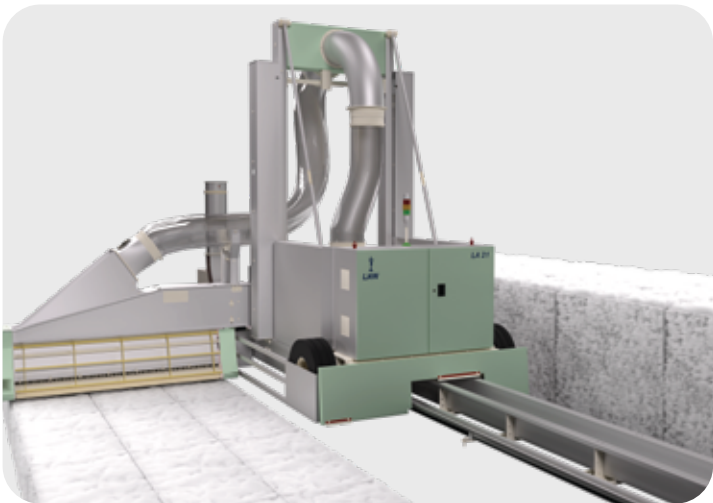
AUTOMATION

- Auto scanning
 - Increases the machine utility and efficiency
 - Elimination of skilled manpower
- PLC Controlled movements and positioning
- Inverter drive for all positions and movements
- Gearless drive for turning of Plucking head
- Chainless drive for Tower Positioning movement
- Automatic turning of head
- Optional light barriers arrangement which stop the machine in case of any interference

MIXING BALE OPENER LB3/6

MIXING OPENER LB3/7

SWIFT FLOC LA21



SALIENT FEATURES

- Production capacity upto 600 kg/hr
- Working width of 1700 mm
- Number of Assortments : 2
- Inverter drive for
 - Plucking roller - rotates in dual direction (800 to 1800 rpm)
 - Lifting Movement - from 1 to 10 index
 - Linear Movement - trolley with automotive tyres: Traverse speed upto 20m/min
- Guide angles for trolley movement
- Fixed cover belt on suction canal for material transportation
- Track length 15m to 25m in steps of 2.5m

SALIENT FEATURES

- Suitable to process OE, Regenerated Mixing, Cotton, Man-made Fibers and Blends
- Feed Apron with conveyor type for uniform material feed for MBO LB3/6
- Large mixing chamber for uniform homogeneous mixing
- Upright lattice with staggered steel spikes pair of feed rollers with Inverter drive
- Options for Saw Tooth, Disc & Pin type opening rollers for processing different materials
- Adjustable grid setting for optimal waste extraction
- Provision of Automatic waste collection system

Models	Working Width	Without Beater	With Beater
MBO LB3/6	1600mm	800 kg/hr	600 kg/hr
MO LB3/7	1600mm	800 kg/hr	600 kg/hr

Options:

- MBO/MO with SDDC
- With or without beater
- Without grid for synthetic process

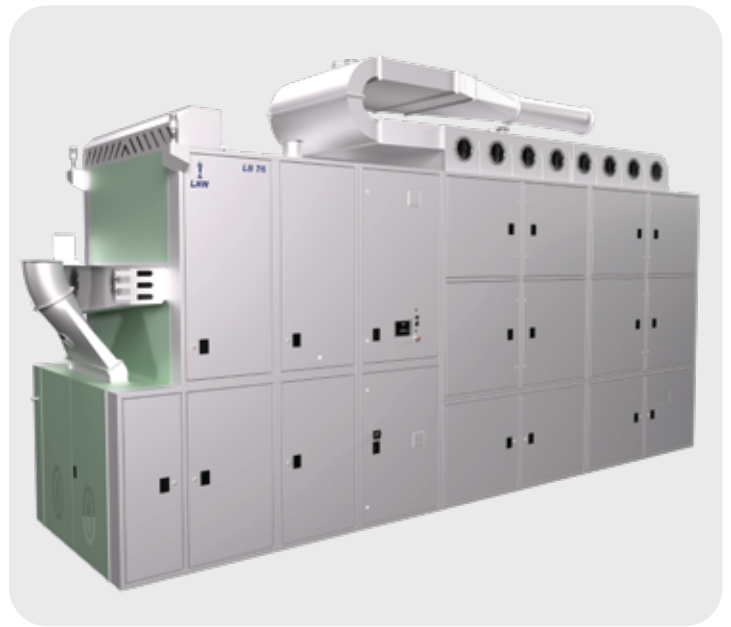
VARIOCLEAN LB9/2



SALIENT FEATURES

- Higher production upto 1600 kg/hr
- Integrated opening, cleaning & dedusting
- Inverter drive for beater
- Linear actuator for grid adjustment
- Dynamic setting changes for different assortments
- Higher cleaning efficiency
- Waste collection by rollers
- Plate type beating elements
- Display system with fault annunciation
- Options for 17 or 19 grids are available, depending on the cotton trash % / waste control.
- SDDC - V (Vertical) (optional) on the machine for feeding to Varioclean

UNIMIX LB7/4 & LB7/6



SALIENT FEATURES

- High output of upto 800 kgs/hr with 6 Chambers (LB7/4) and 1000 kgs/hr with 8 Chambers (LB7/6)
- Enhanced value of mixing through homogeneous blending
- Efficient opening and cleaning with automatic grid bar to beater setting
- Large amount of buffer volume and high throughput ensures minimum space requirement
- Inverter control drives with speed change through display
- Automatic grid bar to beater setting
- Inverter driven Beater & feed rollers
- Continuous waste suction system

Options:

- With or without beater (option for LB7/4)
- Without grid for synthetic process

FLEXICLEAN LB5/6



SALIENT FEATURES

- Production upto 600 kgs/hr with working width of 1200mm
- Adaptability of different type of beaters (Sawtooth, Disc & Pin type)
- Controlled fibre feed for optimum opening and maximum cleaning efficiency
- Inverter driven feed rollers - Feed synchronization with chute feed (with continuous feed system)
- Automatic waste collection system with inbuilt micro dust extraction

SUPREMOCLEAN LB10/2



SALIENT FEATURES

- Higher production up to 1000 Kg/hr
- Working width of 1600 mm
- Uniform filling by feeding flaps
- Pressurized feed chamber for material feeding.
- Material filling by pressure sensor / photo sensors with flap arrangement
- Trio Feed roller – For better compacting
- Automatic grid bar to beater setting
- Inverter driven Beater & feed rollers
- Continuous waste suction system
- Automatic waste collection system with inbuilt micro dust extraction



AUTO BLEND LA10

- Maximum blending throughput of upto 1600 kg/hr
- Upto 4 Modules to feeders can be operated at a same time
- Automatic feeding system without any manual intervention
- Direct measurement of weight through Weighing Pans with Load Cell
- Blending accuracy of +/- 1%
- Minimum blending ratio possible is 99:1
- Sandwich blending with conveyor system
- Blending with separate unit
- Inverter driven feed ventilators for feed chamber synchronization
- Inverter drive for blending chamber beater
- Option for different blend ratio online/offline process



Perianaickenpalayam, Coimbatore - 641 020 INDIA.
Phone : +91 422 7192255
Email : info@lmwtmd.com
www.lmwtmd.com



Issue No 1, April 2026