

Nova 12

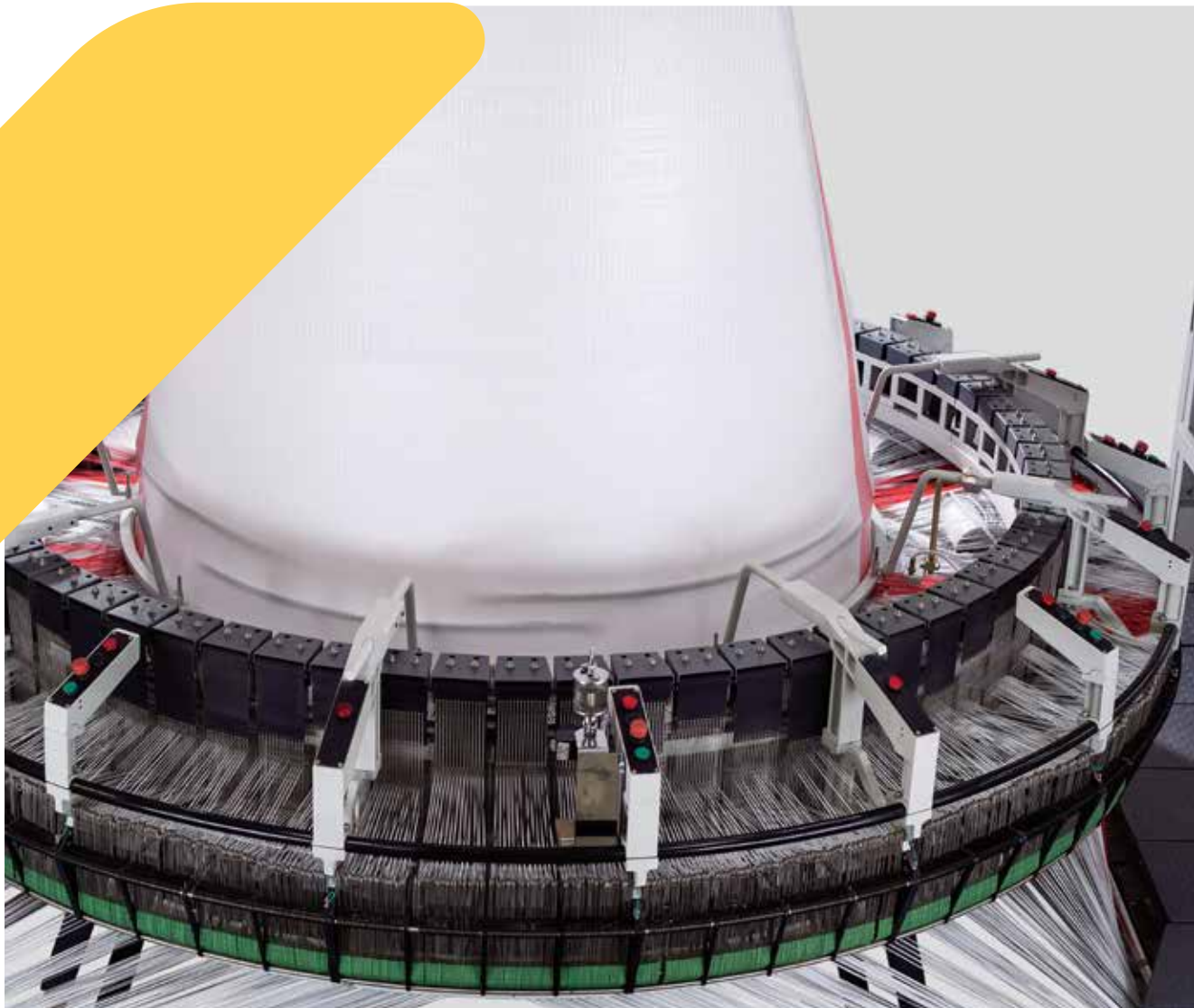
circular loom

Higher Working Speed

Excellent Weaving Quality

Low Energy Consumption

Low Maintenance Cost



Nova 12

circular loom



12-Shuttle Loom

Nova 12 is the biggest loom in new generation nova series to meet various requirement of both light and heavy fabrics.

LF version

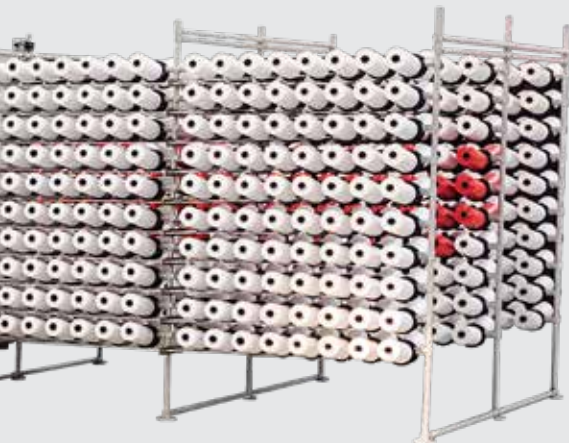
Designed for lighter fabrics for variety of end applications like wrapping fabrics, tarpaulin, lumber cover, agro textiles etc.

HF version

Designed for heavier fabrics used for geotextile applications, special purpose FIBC's etc.

Working Width - Double Flat
250 to 295 cm

Weft Insertion Rate (max.)
650 ppm*



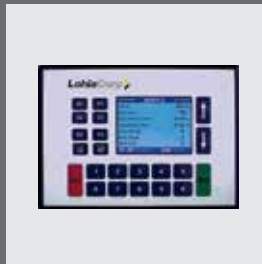
OPTIONAL EQUIPMENTS

- Gusseting Device
- Fabric Slitting Device (Thermal/Ultrasonic)
- Fabric Unfolding Device
- Additional Fabric Surface Winder
(Standard/ Wide width)
- Warp Re-inforcement Compensation
- Loom Data Monitoring System



INLET DRIVE

Positive Warp In-feed System having inlet motor with load cell control, regulates the tension of warp tapes on each inlet roller separately, by controlling its speed. Desired warp tension can be adjusted depending on fabric/tape specs. to improve fabric quality.



LOOM CONTROLLER

Microprocessor Based Control System is used for setting various machine & process parameters. Performance parameters such as Shift wise as well as cumulative production, efficiency, breakage as well as exhaustion incidents of warp & weft, roll length are updated/seen.



WIDE WIDTH SURFACE WINDER

Uniform winding tension of flat fabric (after slitting & unfolding) is maintained throughout the fabric roll built-up by using load cell/torque control system.



MAGAZINE WINDER

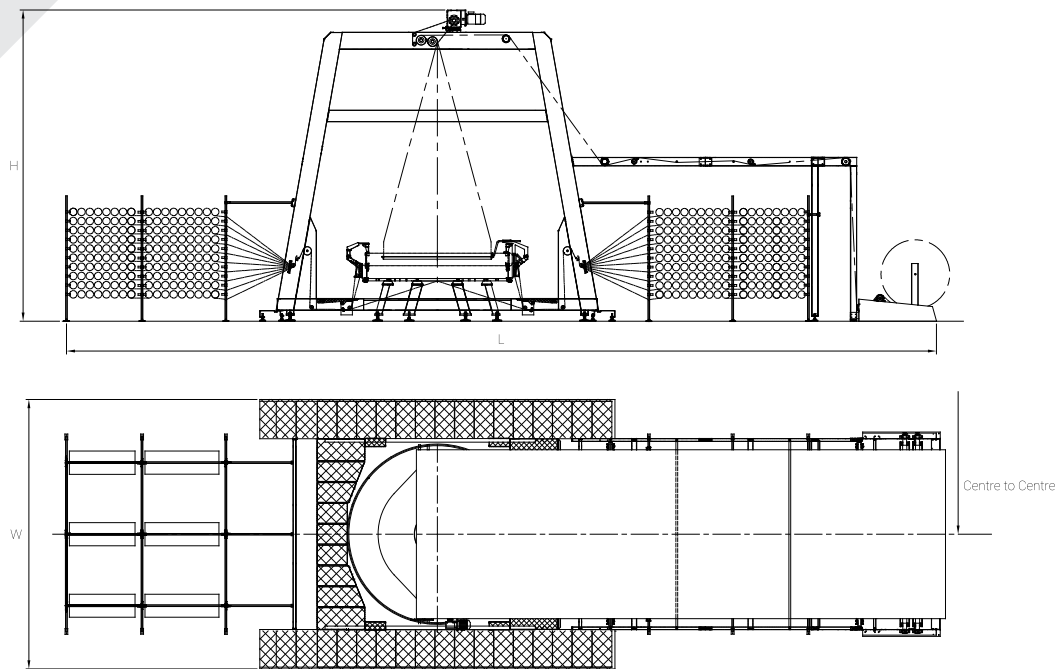
Magazine winder is recommended for winding heavy GSM tubular fabrics used for FIBC applications in which desired fabric tension can be adjusted by regulating torque through winder motor. The fabric roll is located above the ground level for ease of unloading with a forklift.

LOOM DATA MONITORING SYSTEM

LDMS collects data from loom controller and facilitates in indicating running status with performance of loom/group of looms on the network on shift wise, daily, weekly or monthly basis.

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Working Width - Double Flat	250 to 295 cm
No. of Shuttles / Loom	12
Weft Insertion Rate (max.)	650 ppm*
Warp / Weft Core Internal Diameter	35 mm**
Warp / Weft Core Length	218 mm**
Warp Bobbin Diameter (max.)	160 mm**
Weft Bobbin Diameter (max.)	115 mm
No. of Tapes (LF / HF)	2016 / 2880
Fabric Roll Diameter (max.)	1200 mm
Dimensions (L X W X H)	LF - 16.6 x 4.7 x 5.4 m HF - 19.5 x 4.7 x 5.5 m
Centre to Centre	4.7 m

LF version for light fabrics & HF version for heavy fabrics.

*Actual processing speed depends upon reed version, fabric width, construction, tape specifications, quality of tapes and winding.

**Special versions on request.

Specifications are subject to change without prior notice, due to continuous developments. These are indicative and not binding.

Extreme values indicated are not achievable simultaneously.

The pictures/layout may show LF or HF version or optional equipments that are not a part of the standard supply.

For details, refer to the quotation.

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