LohiaCorp

Nova 81

circular loom

Higher Working Speed

Excellent Weaving Quality

Low Energy Consumption

Low Maintenance Cost

Nova 81

circular loom

8-Shuttle Loom

Nova 81 is a new generation high speed loom, specifically designed to meet various requirement of both light and heavy fabrics.

LF version

Designed for lighter fabrics that are used for applications like tarpaulin, lumber cover, agro textiles, and jumbo bags.

HF version

Designed for heavier fabrics used mainly for single loop jumbo bags (FIBC's), geotextile applications etc.

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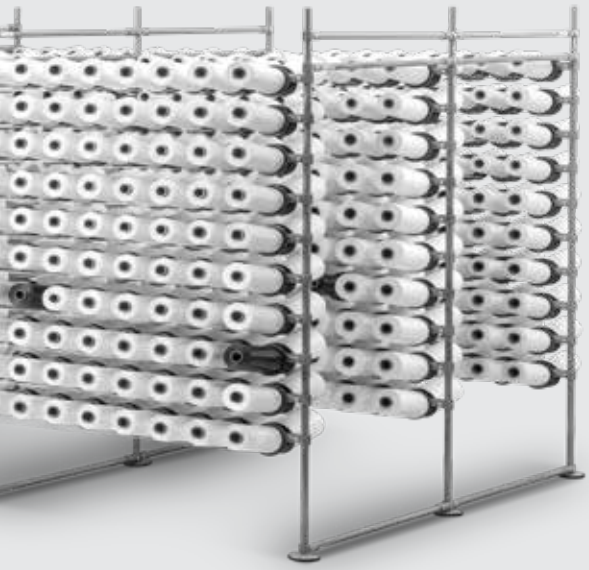

Working Width - Double Flat
120 to 170 cm

Weft Insertion Rate (max.)
800 ppm*

INLET DRIVE

Positive Warp In-feed System having inlet motor with load cell control, regulates the tension of warp tapes on each inlet roller seperately, 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.

MAGAZINE WINDER

Magazine winder is recommended for winding heavy GSM tubular fabrics used for FIBC applications where 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.

WARP RE-INFORCEMENT COMPENSATION

Separate re-inforcement blocks are mounted on compensation system for efficient production of FIBC fabric with re-inforcement strips.

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.

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

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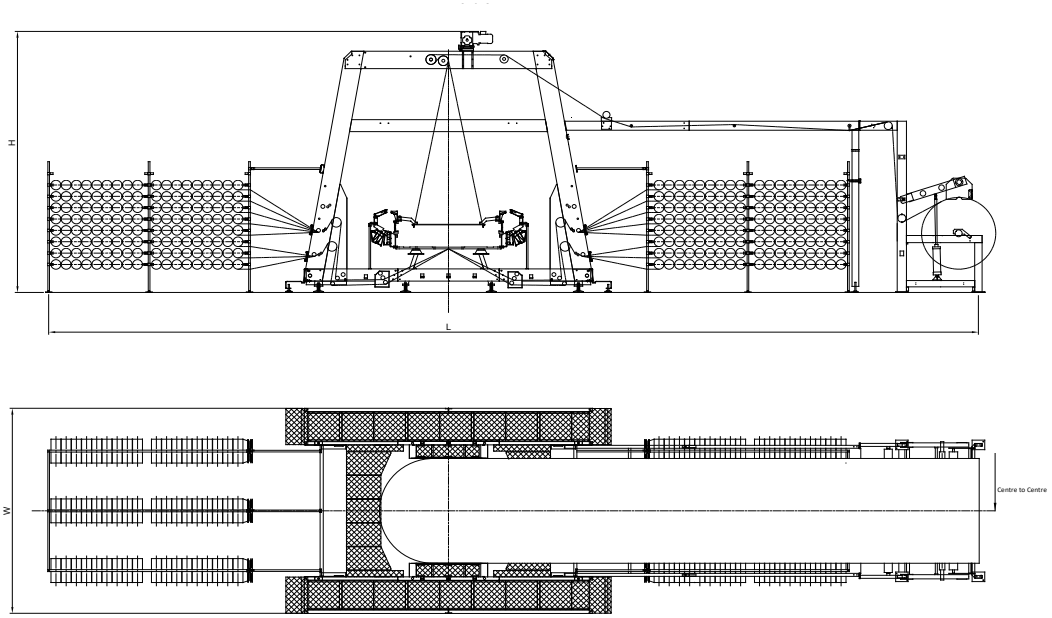

	Nova 81
Working Width - Double Flat	120 to 170 cm
No. of Shuttles / Loom	8
Weft Insertion Rate (max.)	800 ppm*
Warp / Weft Core Internal Diameter	35 mm**
Warp / Weft Core Length	218 mm**
Warp Bobbin Diameter (max.)	160 mm**
Weft Bobbin Diameter (max.)	110 mm
No. of Tapes (LF / HF)	1300 /1600
Fabric Roll Diameter (max.)	1200 mm
Dimensions (L X W X H)	LF - 13.4 x 3.4 x 4.4 m HF - 15.0 x 3.4 x 4.4 m
Centre to Centre (LF / HF)	3.4 m

LF version for light fabrics and 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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