

# ***nova 6 HS***

circular loom

Higher Operating Speed

Excellent Weaving Quality

Low Energy Consumption

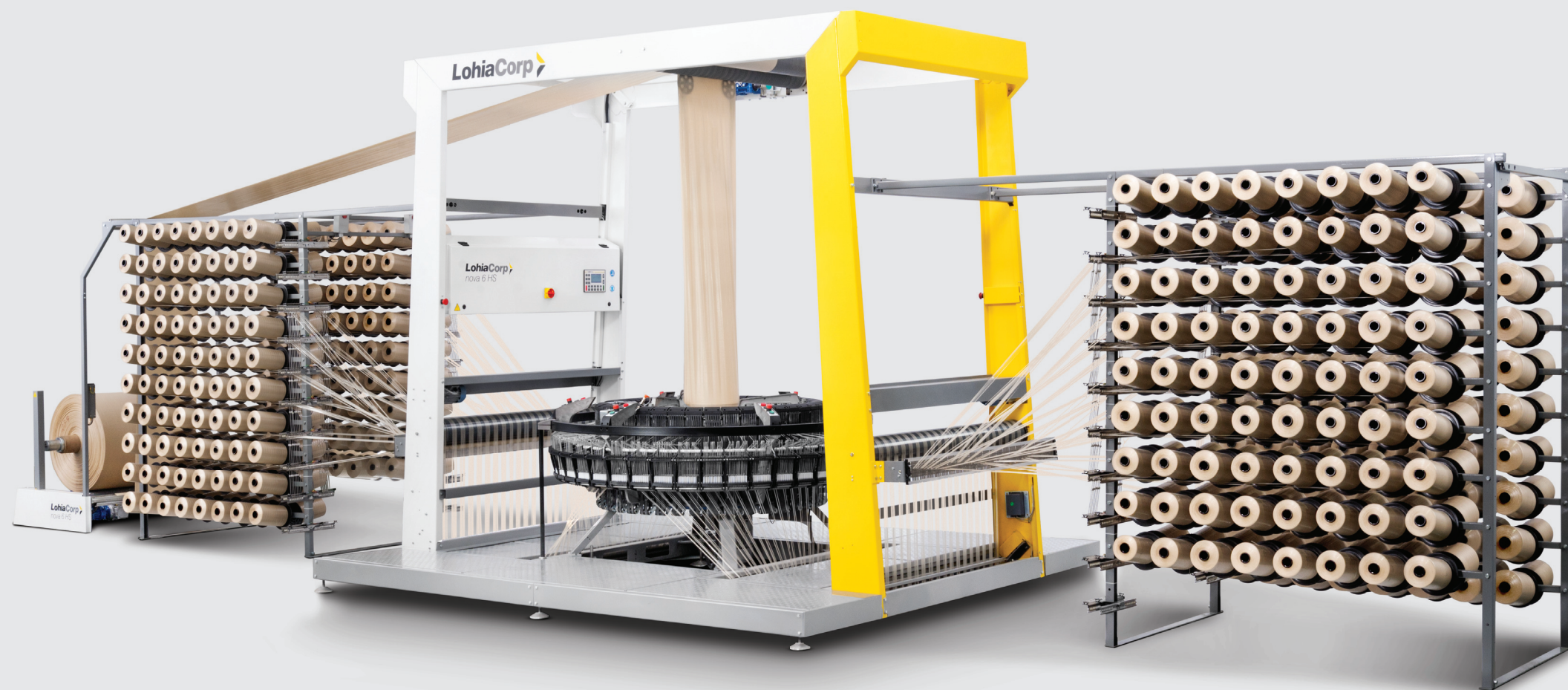
Low Maintenance Cost





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## 6-Shuttle Loom

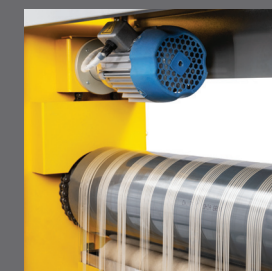
**nova 6 HS** is next generation high speed loom with weft insertion speed of up to 1200 picks/min. It can produce light weight fabric preferably for end applications like block bottom bags for cement, polymer granules etc.

## OPTIONAL EQUIPMENTS

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

Working Width - Double Flat  
**30 to 85 cm**

Weft Insertion Rate (max.)  
**1200 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 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** 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.



### FABRIC WINDER

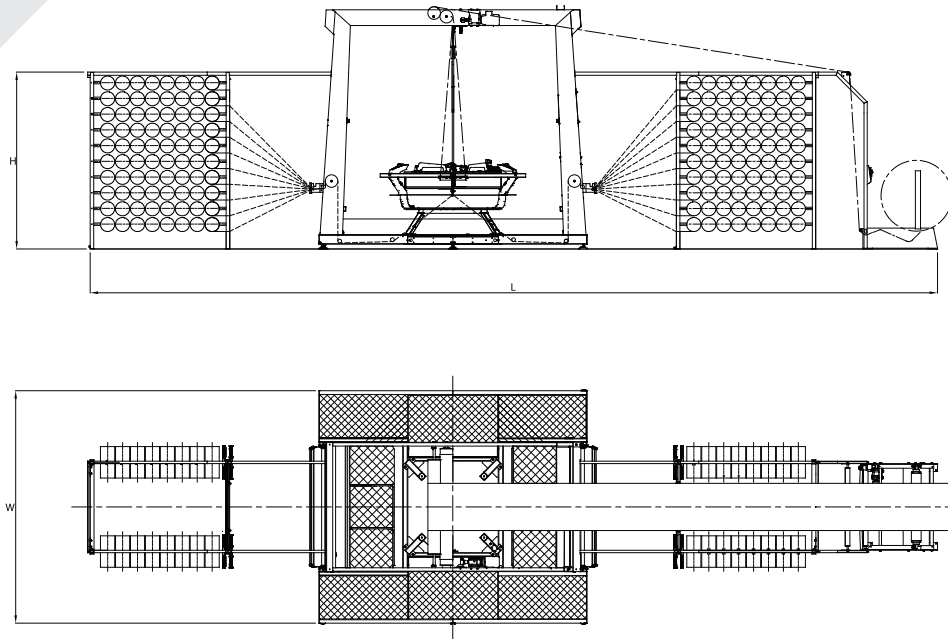
**Winding Tension** of the fabric is maintained during the roll build-up for tight winding

## 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	30 to 85 cm
No. of Shuttles / Loom	6
Weft Insertion Rate (max.)	1200 ppm*
Warp / Weft Core Internal Diameter	35 mm**
Warp / Weft Core Length	218 mm**
Warp Bobbin Diameter (max.)	180 mm**
Weft Bobbin Diameter (max.)	115 mm
No. of Tapes	588
Fabric Roll Diameter (max.)	1200 mm
Dimensions (L X W X H)	10.8 x 3.0 x 3.1 m
Centre to Centre	2.3 m

\* Actual operating 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 may show optional equipments that are not a part of the standard supply.

For details, refer to the quotation

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