

# ***nova venti 4***

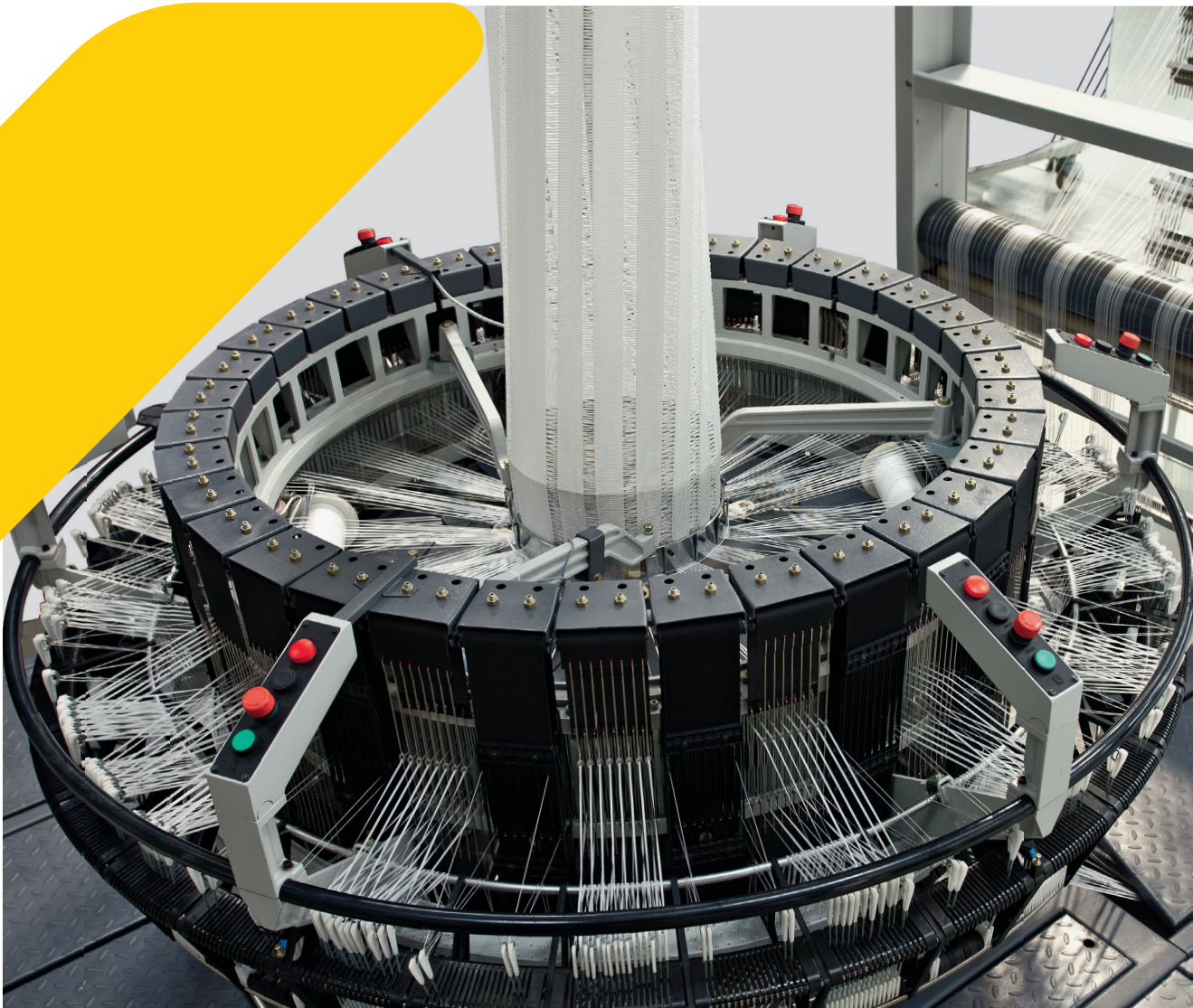
circular loom

Excellent Weaving Quality

Low Energy Consumption

Low Maintenance Cost

Operator Friendly Design

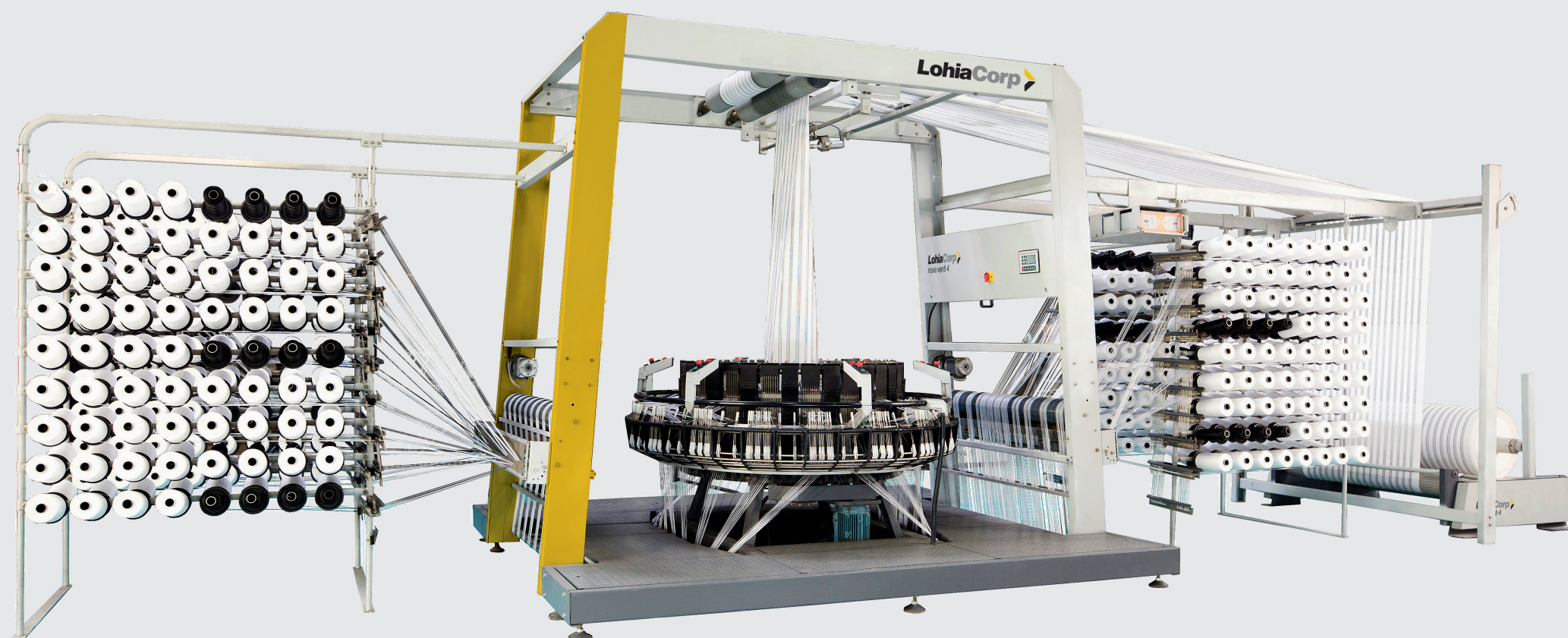




# nova venti 4

circular loom

Designed to weave ventilated fabrics



Working Width - Double Flat  
**45 to 70 cm**

Weft Insertion Rate (max.)  
**360 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** 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.



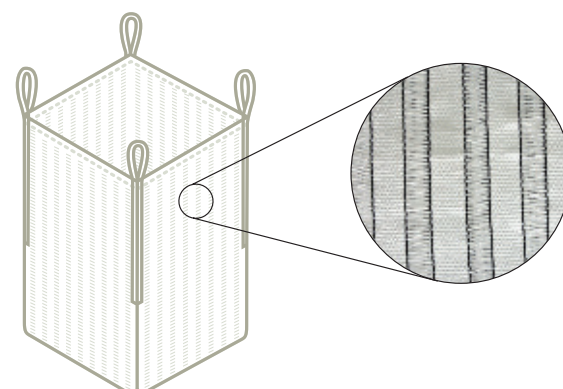
## FABRIC WINDER WITH LOAD CELL

**Uniform winding tension** of the fabric is maintained throughout the fabric roll built-up by using load cell assisted drive.

## 4-Shuttle Loom

**nova venti 4** is specially designed to weave ventilated fabric having air permeability, hitherto been possible only on expensive flat looms.

The ventilated fabric is used for bulk packaging of perishable goods like potato, onion, vegetables etc. for better shelf life due to ventilation and also used for packing of firewoods and sludge disposal.



## OPTIONAL EQUIPMENTS

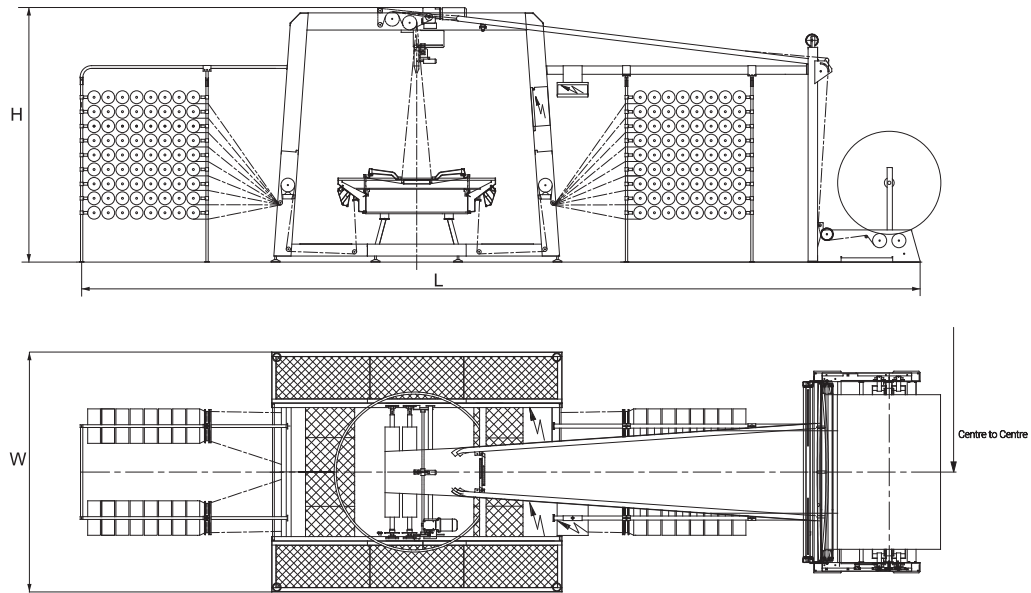
- Fabric Slitting Device (Thermal/Ultrasonic)
- Standard Width for Tubular Fabric
- Loom Data Monitoring System

## 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	45 to 70 cm
No. of Shuttles / Loom	4
Weft Insertion Rate (max.)	360 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	576
Fabric Roll Diameter (max.)	1200 mm
Dimensions (L X W X H)	9.8 x 2.8 x 3.0 m
Centre to Centre	2.8 m

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

For details, refer to the quotation.

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