

LSL series

circular loom

Excellent Weaving Quality

Operator Friendly Design

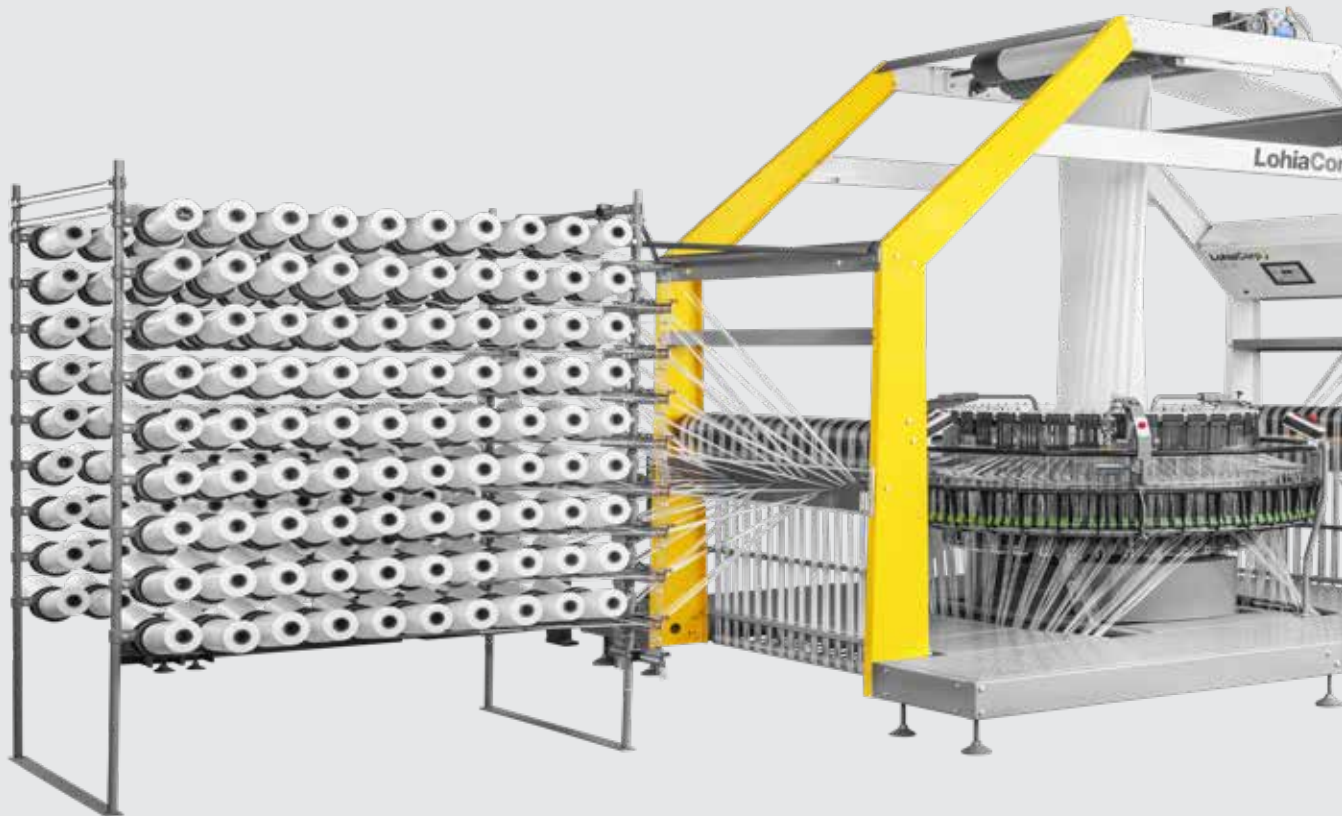
Low Energy Consumption

Low Maintenance Cost



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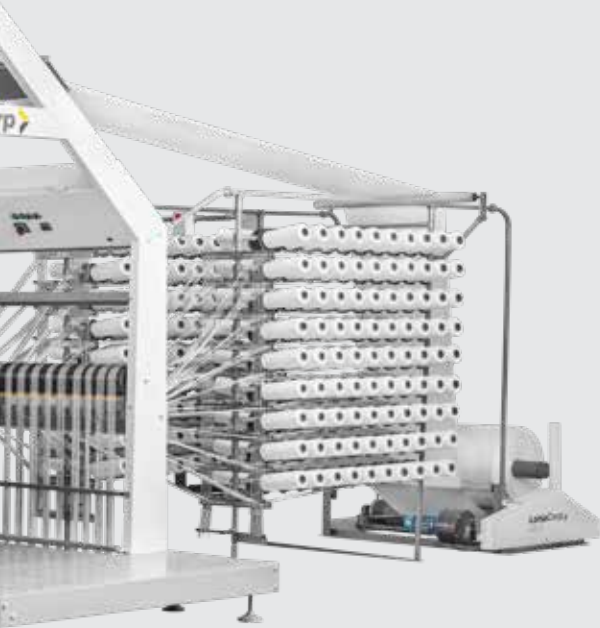
6-Shuttle Loom

The high performance circular looms weave tubular or flat fabric from PP or HDPE tapes. These looms are configured separately to weave light or heavy fabrics as per the end applications like packaging of cement, fertilizers, polymer granules, chemicals, seeds, husk, animal feed and packaging fabric etc.



Working Width - Double Flat
30 to 140 cm

Weft Insertion Rate (max.)
700 to 900 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.

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 EQUIPMENT

- Gusseting Device
- Fabric Slitting Device (Thermal/ Ultrasonic)
- Fabric Unfolding Device
- Additional Fabric Surface Winder (Standard/ Wide width)
- Anti-slip Weaving Kit
- Warp Pre-exhaust System
- Loom Data Monitoring System

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	LSL 6	LSL 620
Working Width - Double Flat	30 to 90 cm	85 to 140 cm
No. of Shuttles / Loom	6	6
Weft Insertion Rate (max.)	900 ppm*	700 ppm*
Warp / Weft Core Internal Diameter	35 mm**	35 mm**
Warp / Weft Core Length	218 mm**	218 mm**
Warp Bobbin Diameter (max.)	130 mm**	130 mm**
Weft Bobbin Diameter (max.)	115 mm	115 mm
No. of Tapes (LF / HF)	720	1296
Fabric Roll Diameter (max.)	1200 mm	1200 mm
Dimensions (L X W X H) LF HF	9.7 x 2.8 x 3.1 m -	12.9 x 3.2 x 4.4 m 12.9 x 3.2 x 4.4 m
Centre to Centre (LF / HF)	2.2 m	2.7 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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