

LSL series / Leno

circular loom

Excellent Weaving Quality

Operator Friendly Design

Low Energy Consumption

Low Maintenance Cost



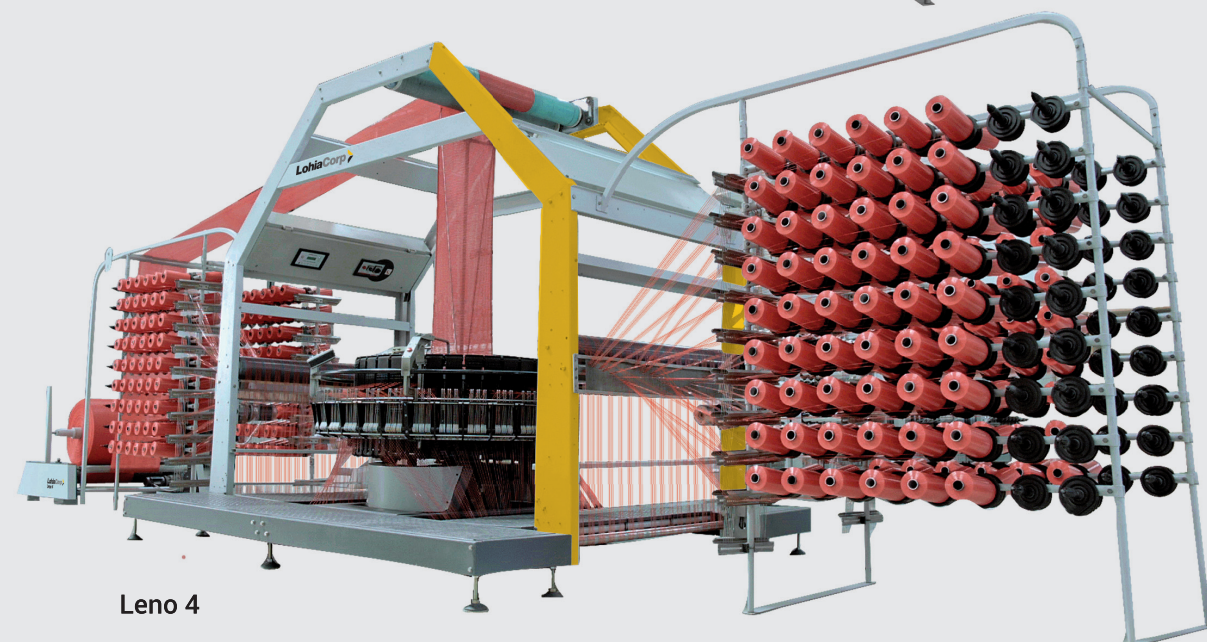
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circular loom

The high performance circular looms weave tubular or flat fabric from PP or HDPE tapes. These looms are designed to weave light to heavy fabrics suitable for the variety of end applications.



LSL 6



Leno 4

Working Width - Double Flat
25 to 250 cm

Weft Insertion Rate (max.)
425 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.



4 Shuttle Loom

Designed for open mesh (leno weave) tubular fabric for packaging of perishable fruits/vegetables.



6 Shuttle Loom

Designed to cater range of applications like packaging of cement, fertilizers, polymer granules, chemicals, seeds, husk, animal feed etc. jumbo bags (FIBC's), packaging fabric, lumber wrap and other similar applications.

8 & 10 Shuttle Loom

Designed for production of wide width fabrics for jumbo bags (FIBC's), tarpaulins, geotextiles, agro textiles etc.



OPTIONAL EQUIPMENTS

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

FOR SPECIFIC MODELS

- Gusseting Device
- Warp Re-inforcement Compensation
- Anti-slip Weaving Kit
- Double Deck Compensation
- Conversion Kit - Leno to Plain Weave and Vice-versa

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	Leno 4	LSL 6	LSL 610	LSL 620	LSL 8	LSL 10
Working Width - Double Flat	25 to 80 cm	30 to 90 cm	65 to 110 cm	85 to 140 cm	150 to 200 cm	195 to 250 cm
No. of Shuttles / Loom	4	6	6	6	8	10
Weft Insertion Rate (max.)	425 ppm*	900 ppm*	740 ppm*	700 ppm*	660 ppm*	625 ppm*
Warp / Weft Core Internal Diameter	35 mm**	35 mm**	35 mm**	35 mm**	35 mm**	35 mm**
Warp / Weft Core Length	218 mm**	218 mm**	218 mm**	218 mm**	218 mm**	218 mm**
Warp Bobbin Diameter (max.)	130 mm**	130 mm**	130 mm**	130 mm**	130 mm**	130 mm**
Weft Bobbin Diameter (max.)	115 mm	115 mm	115 mm	115 mm	115 mm	115 mm
No. of Tapes (LF / HF)	576	720	1080	1296	1568/2240	1792/2560
Fabric Roll Diameter (max.)	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm
Dimensions (L X W X H) LH HF	9.2 x 2.8 x 3.1 m -	9.7 x 2.8 x 3.1 m -	12.1 x 3.1 x 4.3 m 12.1 x 3.1 x 4.3 m	12.9 x 3.2 x 4.4 m 12.9 x 3.2 x 4.4 m	13.7 x 3.7 x 4.7 m 16.2 x 3.7 x 4.7 m	14.0 x 4.0 x 4.7 m 16.8 x 4.0 x 4.7 m
Centre to Centre (LF / HF)	2.2 m	2.2 m	2.5 m	2.7 m	3.7 m	4.0 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 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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