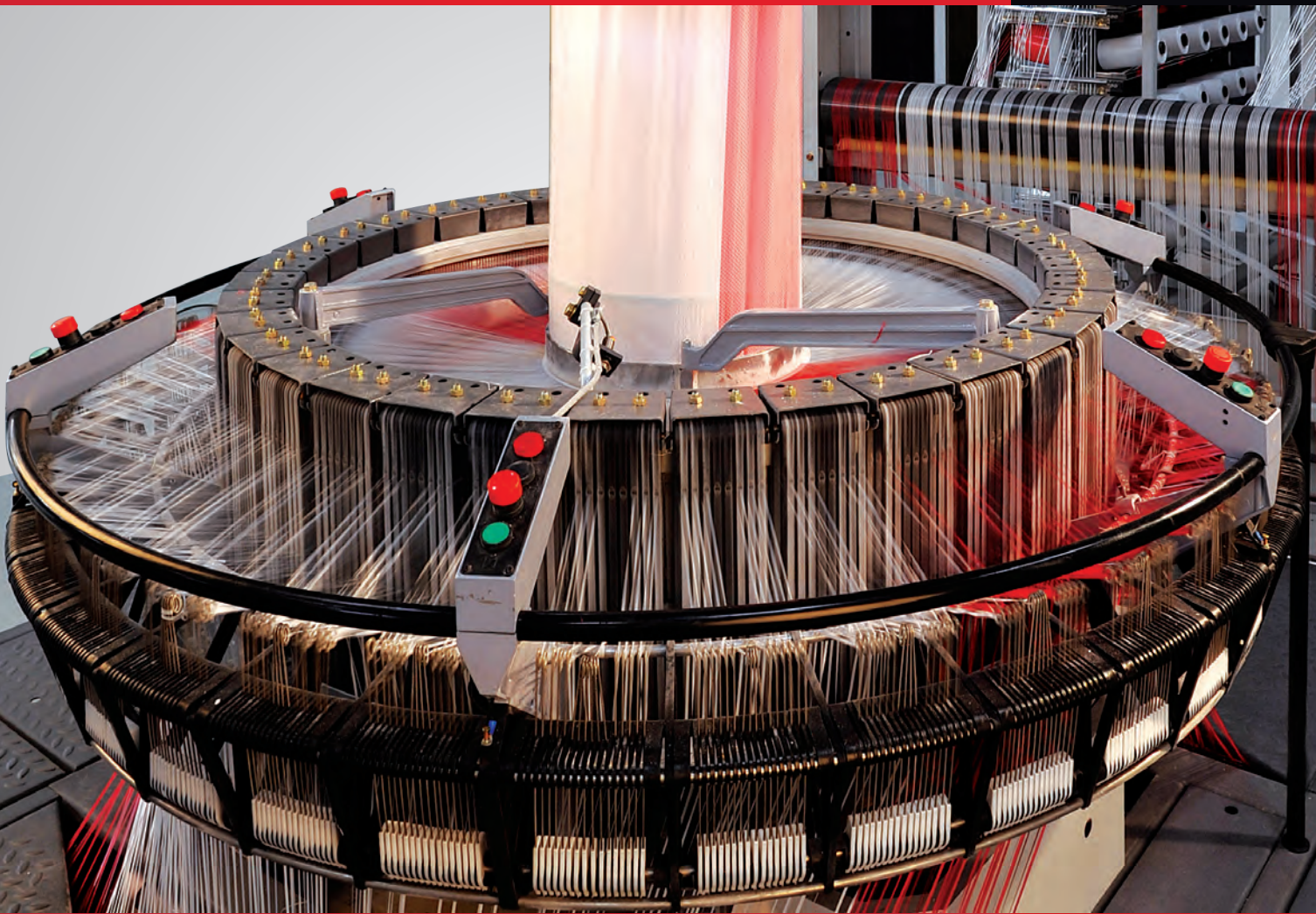




Circular Loom *ace 6*

weaving



LOHIA
STARLINGER LIMITED

Innovation to leadership
Since 1981

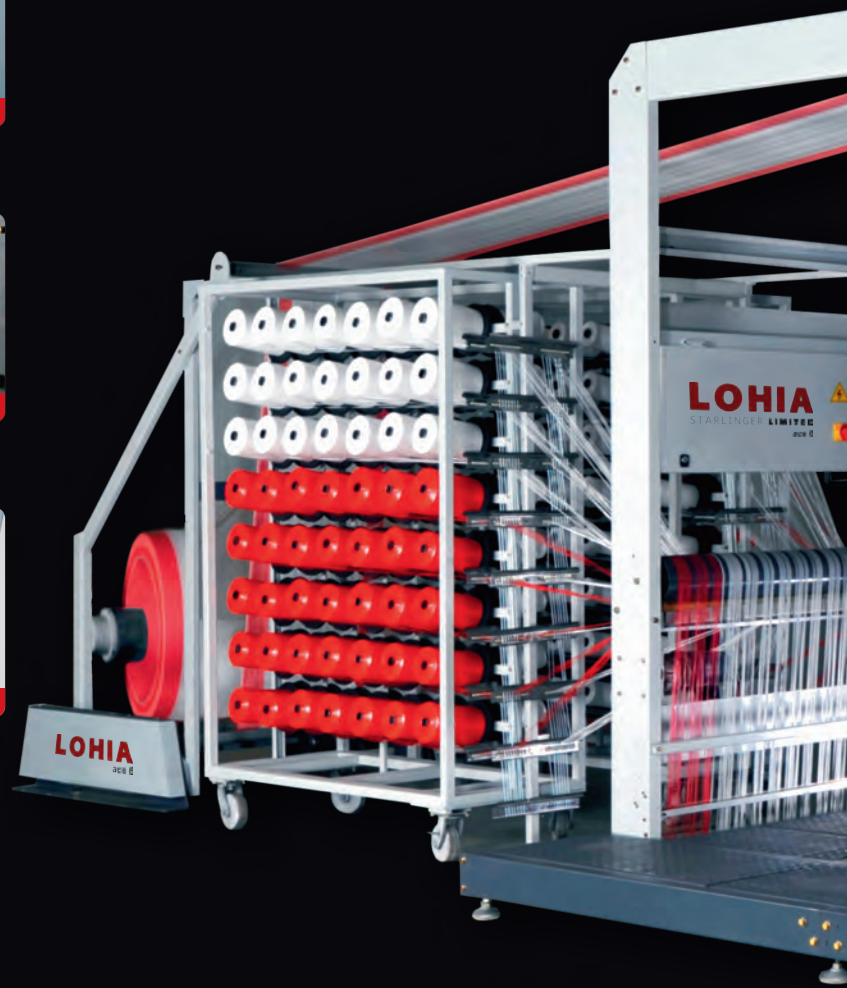


Higher working speed

Lower energy consumption

Lower maintenance cost

Better space utilisation



Optional Equipment:

- Movable creel stands
- Creel with 200 mm dia bobbins
- Gusseting device
- Fabric slitting device (Thermal/Ultrasonic)
- Central / Double sided
- Fabric unfolding device
- Additional fabric surface winder (Standard and wide width)
- Loom data monitoring system

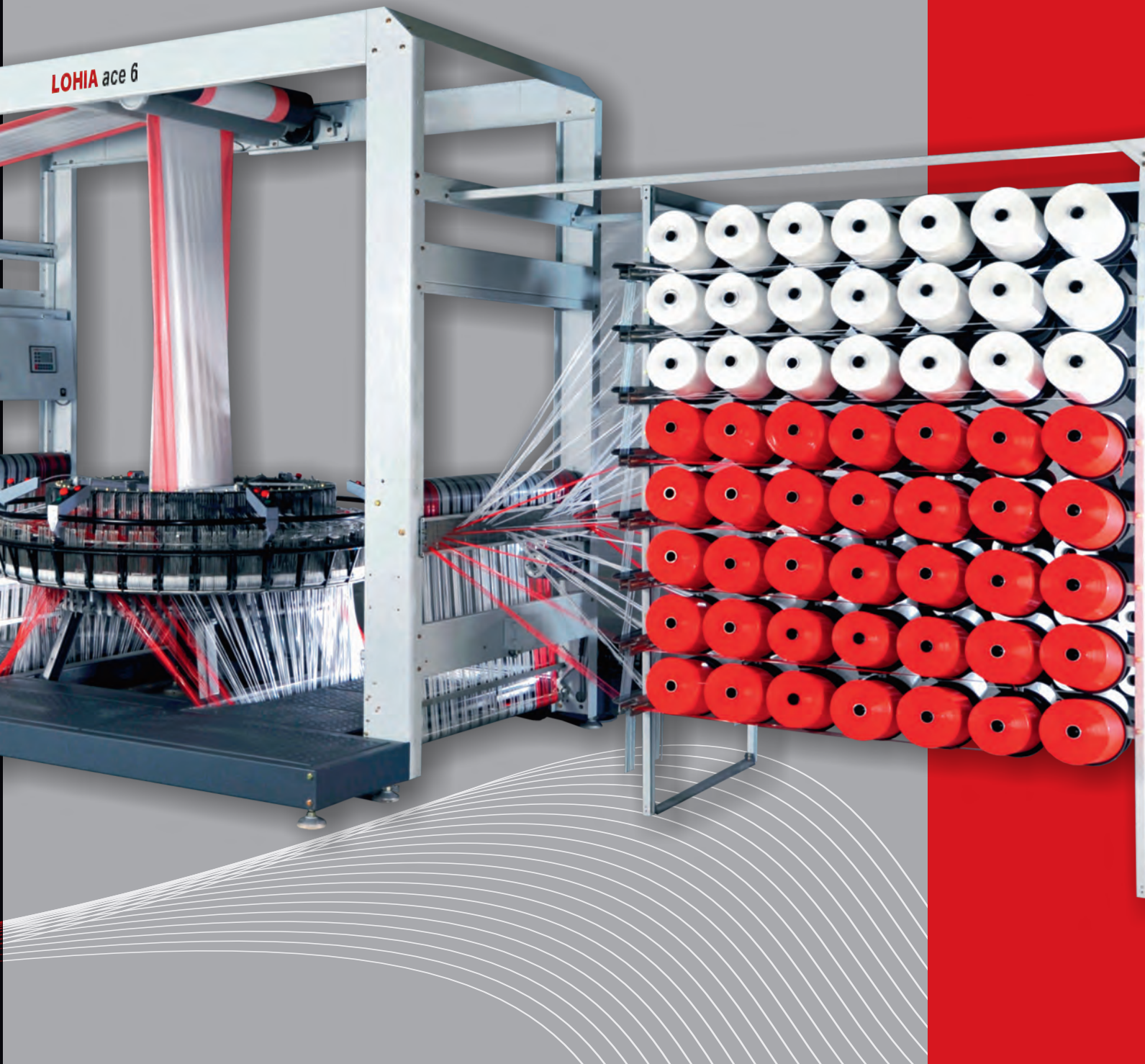
Circular Looms of Lohia Starlinger Limited have been developed to make high performance weaving machines for producing tubular/flat fabric of PP/HDPE tapes with minimum defects (which can also be considered as zero defect fabric).

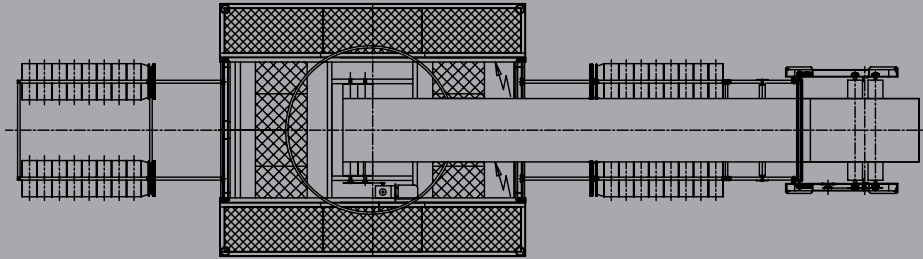
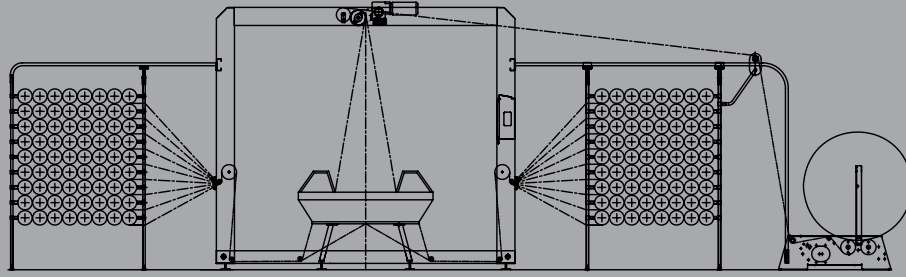
The looms are designed to weave light to heavy fabrics and are suitable for variety of applications. These looms are combination of latest technology and excellent workmanship leading to advantages of lower energy consumption/lower maintenance etc. thus making them the best choice for customers desiring flexibility for the demands of the global market.

ace 6 machine model is specially designed to weave light fabric at high production rates. The tension of warp tapes

is regulated via load cell type positive in-feed system, supplied as standard with the machine which produces fabric of improved quality. Speed of inlet rollers is regulated during weaving as per set tension. The surface winder for fabric also has a load cell assisted drive to ensure uniform winding tensions of the fabric throughout the build.

Micro-processor based controller system is used for setting various machine parameters as well as for indicating useful production data. Detailed information for shift wise as well as cumulative production, machine efficiency, and actual running time with warp/weft breakage and weft end incidents can be obtained by the machine evaluation system.





TECHNICAL SPECIFICATIONS

Working width	
Double flat	48 to 70 cm
Special version possible	30 to 48 cm & 70 to 85 cm*
No. of shuttles	6
Capacity	
Weft insertion rate	1000 per minute*
Weft density	20-60 per 10 cm
No. of tapes	576
Warp bobbin	
Internal diameter	35 mm**
Length of core	218 mm**
Max. bobbin diameter	160 mm
Length of traverse	200 mm

Weft bobbin	
Internal diameter	35 mm**
Length of core	218 mm**
Max. bobbin diameter	115 mm
Length of traverse	200 mm
Creel capacity	
Bobbins per machine	576
Fabric winder	
Max. roll diameter	1500 mm
Machine dimensions	
Length x Width x Height	9.72 m x 2.79 m x 2.96 m
Centre to centre	2.20 m

*Depends on fabric size, construction and tape specifications

**Special versions on request

Specifications are subject to change without prior notice due to continuous developments. These details are indicative and not binding.

Extreme values indicated are not achievable simultaneously.

The pictures may show optional equipment that are not a part of the standard supply. For details, refer to quotation.

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