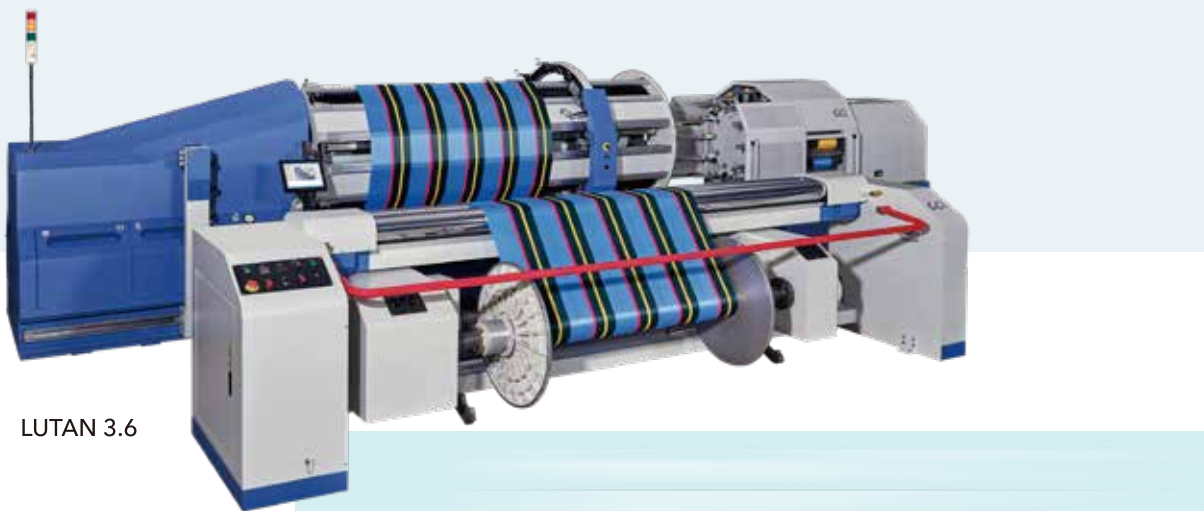


Lutan

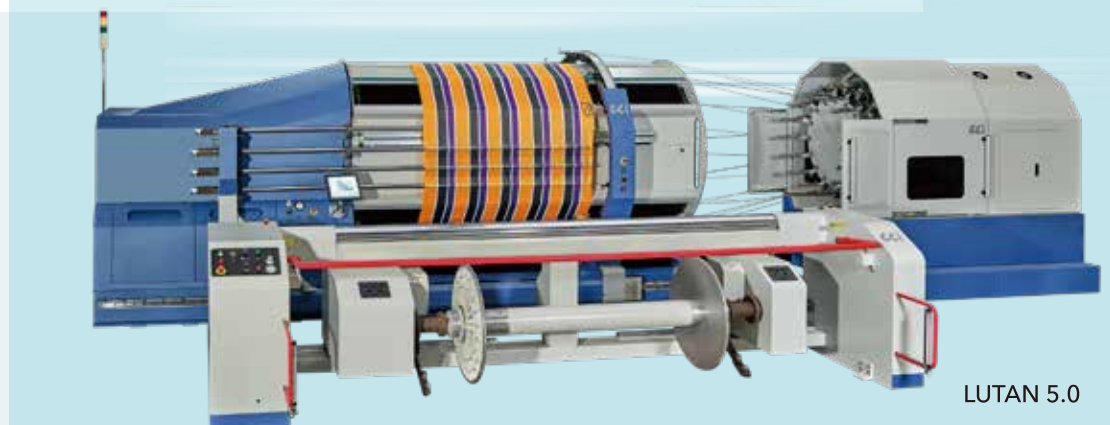
Single-end Warping Machine

Warping is an important preparation process for weaving. However, the basic principles and ways of warping do not have many changes. There is still the need to prepare a considerable quantity of bobbins and the complicated operation is always the constraint. The implementation of single-end warping which is the wish of most weavers brings not only more conveniences and higher efficiencies, but also leads to fundamental changes in the ways of production. It requires minimum one bobbin to do the job. The process is highly automated and fully satisfies the flexible nature of short run warping. This also dramatically increases the efficiencies of sampling and small quantity production.

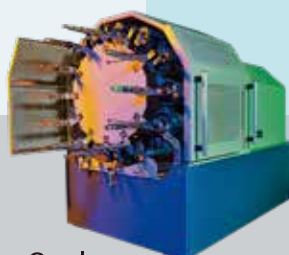
LUTAN is unique in its design that uses a Ring warping. This completely new way of warping gives the best quality warp beams. LUTAN provides two different sizes of drum to meet the different requirements in warping length. There are also two kinds of creel of different designs for different applications. There is always a suitable combination from the specifications to fulfill different request on product characteristics and quantity.



LUTAN 3.6



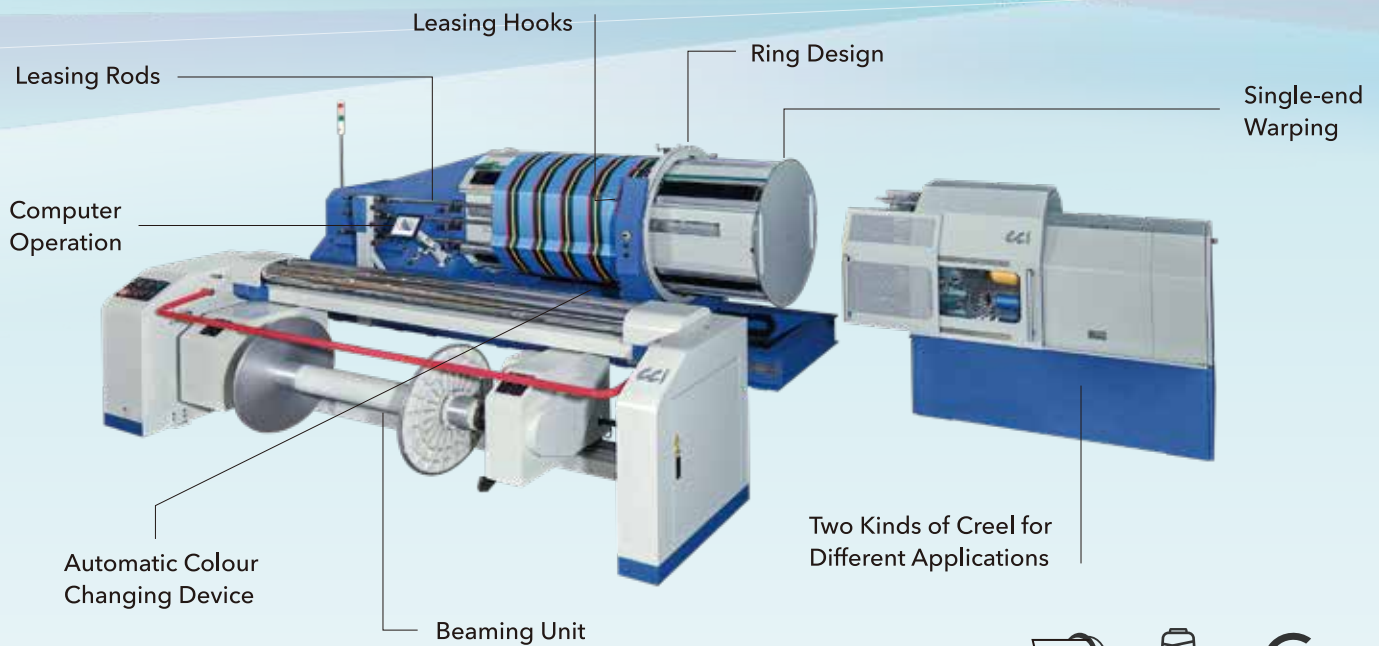
LUTAN 5.0



Rotatory Creel



Stationary Creel



Technical Information

Model	LUTAN v3.6	LUTAN v5.0
Working Width	2200 mm	2200 mm
Warping Length	11 - 200 m (Dependent on warp materials used)	15 - 500 m (Dependent on warp materials used)
Warping Speed	Stationary Creel - 600 m/min maximum Rotatory Creel - 7200 m/min maximum (12 bobbins) (Dependent on warp materials used)	N/A Rotatory Creel - 9600 m/min maximum (16 bobbins) (Dependent on warp materials used)
Drum Circumference	3.6 m	5.0 m
Beaming Unit	Lifting and traversing speeds are adjustable and electrically controlled	
Creel	Stationary Creel - Up to 8 colours maximum - Computerized automatic colour change - Equipped with 8 accumulators and positive yarn guide device Rotatory Creel - Accommodate up to 12 bobbins and warp simultaneously - Equipped with 12 accumulators - Equipped with colour changing device	N/A Rotatory Creel - Accommodate up to 16 bobbins and warp simultaneously - Equipped with 16 accumulators - Equipped with colour changing device
Leasing Device	Equipped with 5 leasing rods with detachable leasing hooks	Equipped with 8 leasing rods with detachable leasing hooks
Warp Arrangement	Built-in SEdit editing software	
Controller	Industrial PC / Windows OS Solid-State Drive (SSD) / Internet access via WiFi/Ethernet	
Optional Device	Waxing unit	
Air Consumption	200 L/min., air pressure 5-7 kgf/cm ²	
Power	220 V, 3-phase, 50-60 Hz	



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