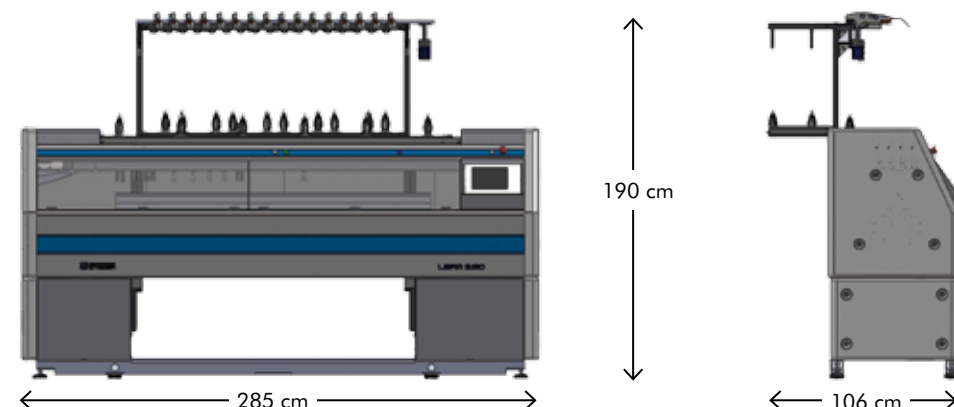


LIBRA 3.130

TECHNICAL DATA • LIBRA

	Standard	Options
CARRIAGE - CAM BOXES		
Single head without cam carriage bridge, with direct yarn feeding from the top	•	
Three system cam boxes each with integrated bi-directional transfer	•	
Unlimited patterning possibilities with the Three-Way-Technique	•	
Integrated split-stitch function	•	
Stitch length controlled electronically without limits with possibilities to modify any time	•	
Electronic needle selection	•	
NEEDLEBEDS		
Working width 130 cm	•	
Yarn clamps / scissors and yarn picks integrated	•	
Selective racking over 80 mm with possibilities of correction	•	
Gauges E5 à E18	•	
Sinkers equipments L3.130.CS		○
Equipped with grooved retracted transfer needles	•	
Auto cleaning by venturi	•	
Free Gauge		○
Comb Steiger patent	•	
YARN CARRIERS		
Equipped with 16 motorised and synchronised yarn carriers independent from the carriage direction	•	
Allowing a direct feeding	•	
Independent programmable on the selvage	•	
Unique device for in-lay for technical articles		○
Plating with 2 yarn carriers	•	
Yarn carriers type „Argyle“		○
Kit for supporting yarn feeding unit		○
POSSIBILITIES / PERFORMANCES		
All types of jacquard and structures	•	
Shape, cast-off, V-neck, etc.	•	
Intarsia made by Steiger	•	
Press-on on empty needles	•	
Narrowing by retained stitch	•	
Programming with Model Version 7	•	
Programming with Model Version 8 with utility licence		○
Model Version 8 updates, assistance and maintenance		○
DRIVES		
Brushless motor adjustable from 0 to 1,60 m / sec. max.	•	
Yarn carrier encoders	•	
Upper take down system with possibility of reversing drive	•	
CONTROLS / SECURITIES		
All necessary devices to stop the machine in case of yarn breakage, knots, running out of yarn, shock, fabric press-off, over-heating motors, load-up detector.	•	
Reserve battery (in case of power failure)	•	
Load - up detector	•	
Self diagnostic	•	
Backup capacity 1 Giga	•	
Network 10/100 Mbps	•	
Interface USB stick	•	
Power box for supplying 2 machines		○
NETCONTROL production control		○

- Power supply AC 400 V ± 10 % 50 Hz 1.5 KW
- Weigth 750 Kg



LIBRA 3.130

STEIGER KNITTING



Founded in 1949, Steiger has always been known for his innovative and precursory spirit. Today, Steiger is one of the top manufacturers of flat bed knitting machines with research, design and production center in Vionnaz/Switzerland.

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STEIGER FASHION



The customer service centre Steiger Fashion in Italy, offers to our customers worldwide a support for design and sampling at the top of last fashion trends. Programming courses and a show-room with different machines are permanently at disposal.

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Flat knitting machine

LIBRA 3.130



All the information in this catalogue are not binding for the manufacturer and can be changed without prior notice • 12/2012 • Citation & Impression : FILLION 04.50.08.20.13

GREAT IN NEW DIMENSIONS

Steiger continues his tradition of innovation with the introduction of the new LIBRA.

The LIBRA is a concentration of the latest technology in the most compact dimensions without any compromises in quality, productivity and versatility. The unique Steiger knitting system is very user friendly, offers unlimited flexibility and easy realisation of all your creativity.

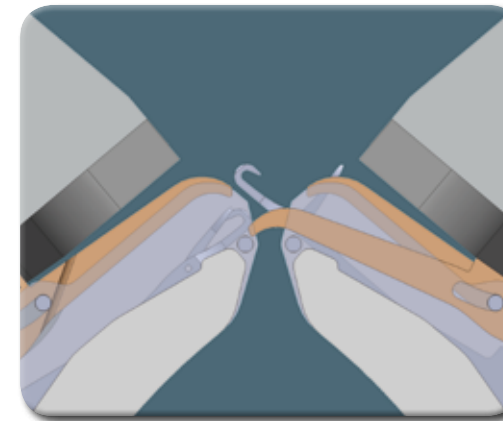
The new concept of the Libra guarantees you higher profits.



SINKERS

A new generation of "sinters", not only they move vertically but they dive like a presser jack until touching slightly the opposite needlebed. The effect on knitting is matchless, more tightened knitting, absolute control of the in-lay yarn, and safer introduction of intarsia yarn-guides.

The control of the sinkers is programmable in each system at each traverse independently from front and rear needlebed. Sinkers are driven according to a harmonized flexible wave thanks to a floating cam. This makes it possible to program them in or out of action according to request during the same knitting course.



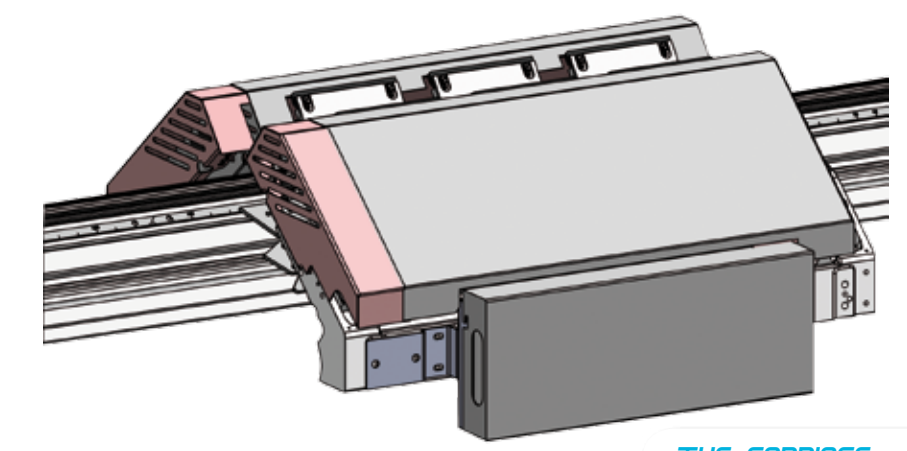
The new 12" color LCD screen gives the operator the possibility to interact with the machine, to access directly to the desired functions and to intervene simply and rapidly. The transfer of the programs can be performed through online network communication or with a USB key.

It's possible to memorize the different information and parameters, and to visualize the running state during the actual working process: the position of the knitting panel on the needlebed, the yarn-guides and the comb.

The open carriage with direct feeding allows to knit with low tension all type and quality of yarns. There's almost no friction of the yarn from the cone to the yarn carriers. The possibilities are huge in knitting by zones such as "Intarsia", in-lay, plating, tight rib and without empty rows. The productivity has also been improved by limiting empty rows. The very precise and automatic positioning of the yarn-guides on selvedge guarantees a high stitch quality.



The "Flying Yarn Guides" of Steiger. Each of the 16 yarn carriers can be programmed individually, resulting in highest productivity and accurate quality for all your knitting programs, especially intarsia. The clamps and scissors are on the side of the bed.



THE CARRIAGE

A shorter carriage with an optimized inversion according to the speed associated with an intelligent management of the yarn-guides (Fast system) makes it possible to gain on productivity from 8 to 20% following the design types.

Stitch Quality
With Steiger the very best stitch quality for loose or high density knitwear, even with most delicate yarns.

Freegauge
Your Freedom with Freegauge knitting. Your freedom to use different gauges as the season requires.

