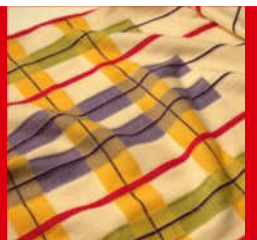
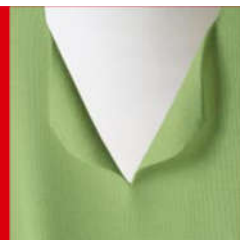
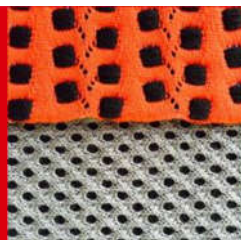
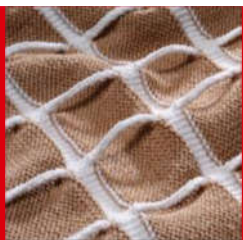




Open the world of innovations

FLAT BED KNITTING MACHINES



TAURUS 2.170 XP



- Compound needles
- 24 motorized yarn guides
- Carriage with 2 systems
- Fan Stripping bars
- Needlebed with working width of 170 cm (67")
- Independent motorized clamps
- Horizontally and vertically Motorized « Pop-up » Yarn guides for each yg
- Latest generation of comb
- Complete garment knitting, multilayer, complex In-Lay, Intarsia
- New MODEL+
- 2 Patents on the machine (1. The compound needle 2. Storage punch)

The Taurus 2.170 XP opens new horizons for the flat knitting industry. This machine contains two innovations patented by Steiger: the compound needle and the storage punch. This unique construction allows complete garment knitting, multilayer knitting, complex in-lay and Intarsia. The recognized Steiger's strengths as the take-down, the open carriage are optimized on the Taurus 2.170 XP. New features also appear such the independent motorized clamp, the vertically and horizontally motorized yarn-guides. Friendly and easy to use, the Taurus 2.170 XP is part of an innovative concept that includes a new programming software: MODEL+. Intuitive, powerful and easy to access, it makes programming available to the greatest number of people

ANTARES 3.130



- New machine platform for specific customers requirement and for later upgrading
- Machine based on Libra and New Aries knitting technology
- Open carriage with 3 systems
- needlebed with working width of 130 cm
- Choice of 8 – 16 - 24 or 32 yarn guides, all motorized
- Fan Striping bars
- Independent motorized clamps
- Motorized « Pop-up » yarn guides for each yg (motorized)
- Latest generation of comb
- New MODEL+

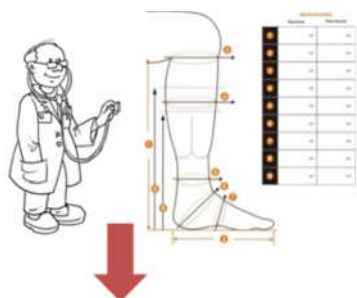
A new concept of scalable machine is born with the Antares 3.130. This machine is a platform that can accept specific equipment depending on knitwear products. The recognised strengths of Steiger as the take-down and the open carriage are optimized on the Antares 3.130. New features appear such the horizontally and vertically motorised yarn-guides, a controlled comb. Friendly and easy to use, the Antares 3.130 is part of an innovative concept that includes a new programming software: MODEL+. Intuitive, powerful and easy to access, it makes programming available to the greatest number of people

LIBRA 3.130 – T for technical products

- Compact machine, with open carriage, 3 systems, specifically equipped for the production of technical products with elastic yarns, knitting structures, using motorized In-Lay yarn guides
- Needle- bed: basic needle-bed, reduced to needles and pushers resulting in very easy maintenance
Optional: Sinkers for facilitate the in-lay of the yarn and for increased productivity
- Carriage: Open carriage, yarn is guided directly through the carriage, resulting in much better tension control and stitch quality. Construction for high speed production.
- Yarn-guides: Each yarn-guide is motorized and individually programmable.
Machine can be equipped with 12 standard yarn guides and 2 In-Lay yarn guides.
Optional with 16 standard and 4 In-Lay yarn guides (New Aries)
- Take-down: Patented by Steiger. Efficient, for best knitting and stitch quality. Especially used for orthopaedic products.
- MODEL: Steiger – programming software: user friendly, customer-specific, flexible, expandable
Optional: SCRIPT programming tailor made technical/medical products.
Optional: DUOKNIT 2 in 1 production (simultaneously 2 articles)
- Optional : Feeders individually programmable within Steiger MODEL program

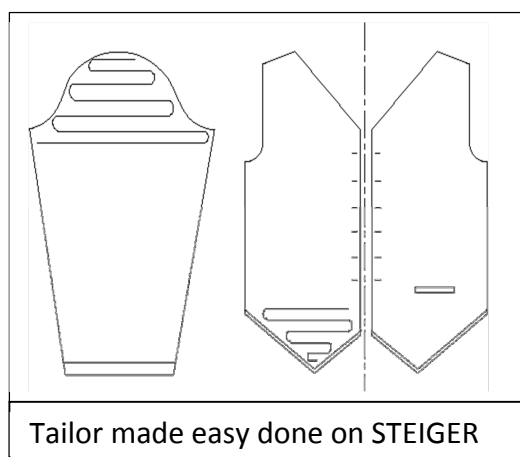
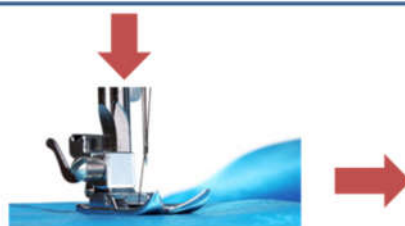
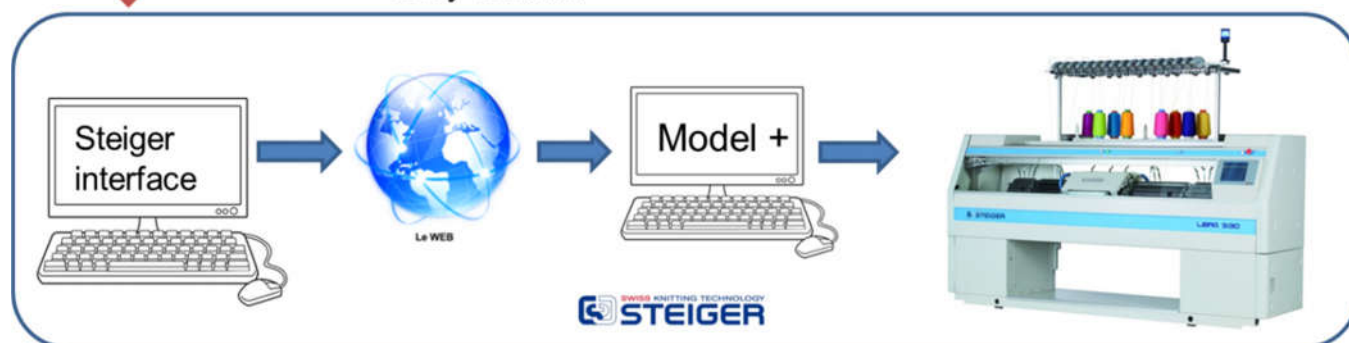


Technical products – No limits on Steiger



Body scanner

Fully automatic production of tailor made orthopaedic articles within 24 h



Tailor made easy done on STEIGER



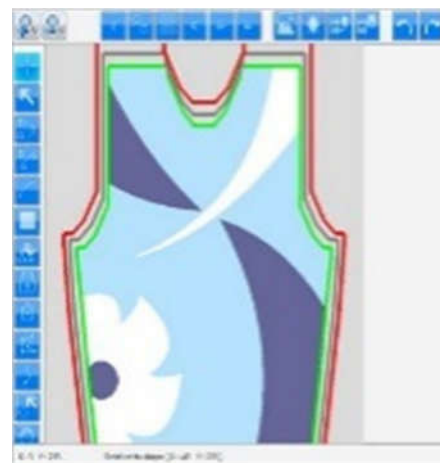
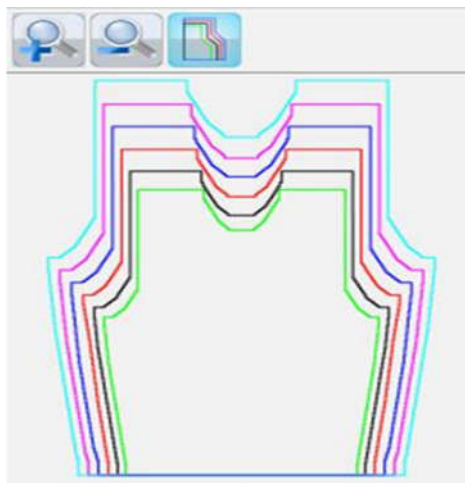
Industrial products also in 3D



Medical products

Model +

Discover MODEL+, the brand new programming software developed to pilot the Taurus 2.170 CXP. Intuitive, user-friendly and powerful, it becomes possible for anyone to program complete garment sweaters, double layer knitwear, weft or complex intarsia. Thanks to the 3 steps wizard, libraries and automatisms, programming is simple and fast. Stitch simulation allows checking a sample before knitting it on a machine. The generated program is optimized for productivity. Advanced final modifications are still possible in Model 9. With MODEL +, live a new experience of programming! Developed for complete garment knitting, the power of MODEL + also brings an amazing boost for programming the conventional machines of the STEIGER range.



FEATURES:

Fast creation of complete garment articles • Different sleeve/body connection types management (Raglan, Set In, Saddle...) • Wide database of techniques available • Sewing points management • Auto-creation of the different sizes of the sample • Stitch linking 3D view

Garment shape creation wizard • Collar creation wizard • Management of sizes • Basic shape library • Colour reduction for intarsia design • Shape processing for structured or intarsia samples • Real time 3D stitch linking simulation • Stitch aspect view for colour designs • Design layers functions

CUSTOMER BENEFITS:

Complete garments knitting can now be created very easily • Very important time saving in the complete garment product creation with several sizes • 3D simulation function to detect potential knitting problems • Fast creation of the different parts and sizes of an article in a few clicks • Resulting knitting programs instantly calculated taking into account the technical settings selected by the user • A wizard composed of 3 steps help the user to realize the sample • Huge productivity gain for shaped intarsia design (collars and cast-offs are handled automatically)

Netcontrol 2.0

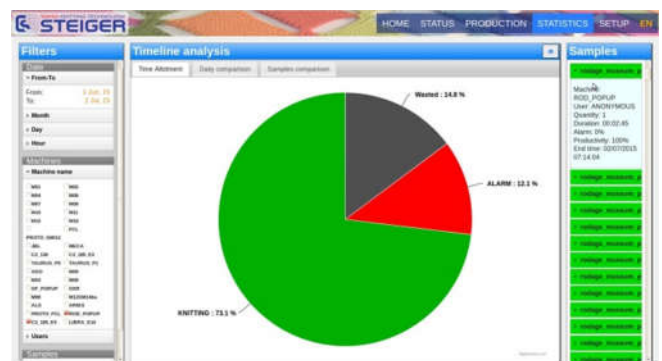
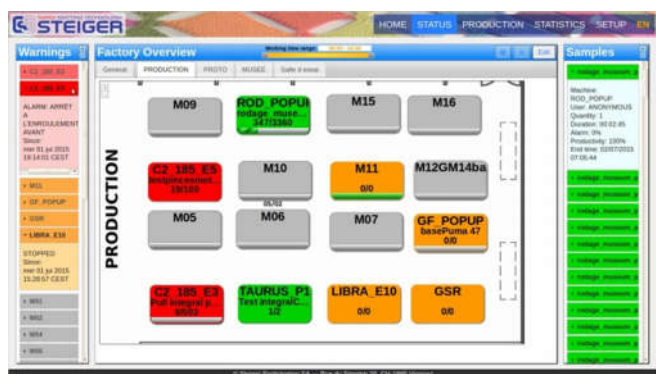
STEIGER offers new software solutions to optimize the output of your machines. Discover MODEL+ the totally new programming software. Intuitive, powerful and easy to access, it makes programming of complete garment knitting, multilayer knitting, complex in-lay and Intarsia available to the greatest number of people. With Netcontrol 2.0, the production control software, just connect your machines to a server and optimize the productivity of your workshop

FEATURES:

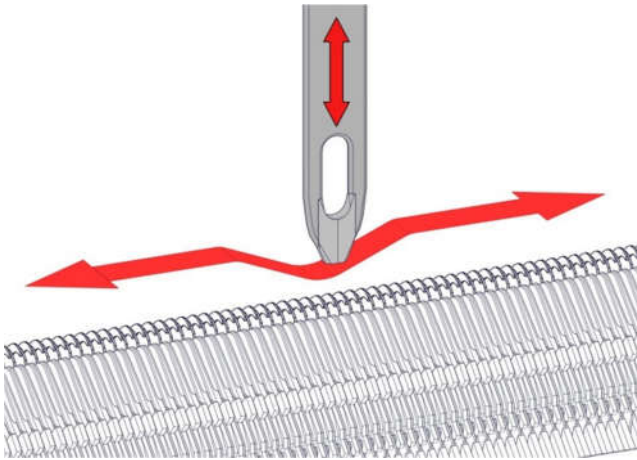
- Networking machines
- Online monitoring of the machines' status
- Centralised production management
- Statistics

CUSTOMER BENEFITS:

- Simplified production supervision
- Cost reduction
- Quality and productivity monitoring
- Increased productivity



Innovation features



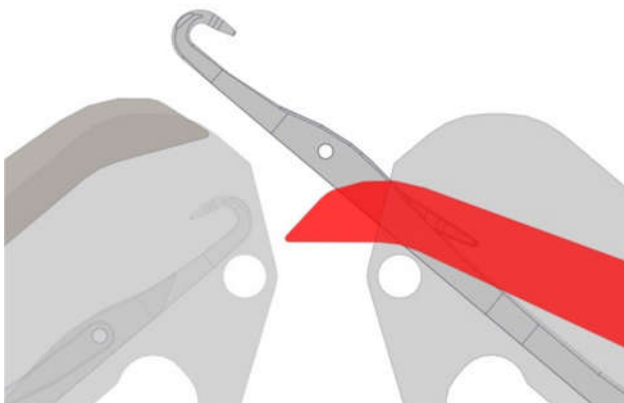
Pop-Up yarn carriers

Pop-Up yarn carriers with horizontally and vertically motorized yarn guides, giving all options, flexibilities and benefits to our customers



Fan Striping bars

This disposal is designed to give maximum visibility and easy threading to the 24 yarn-carriers by the operator. The 6 bars with 2 yarn-carriers on each side offer a bird's eye view of the needle bed lit by a LED economically efficient system. The safety of the operator is ensured by an optical barrier.



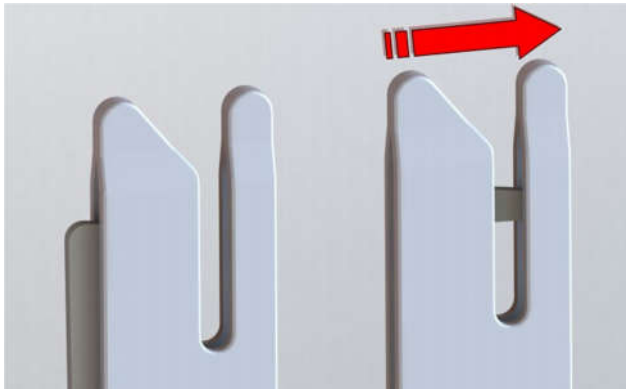
Sinker System

With its path and form, the sinker system plunges to the needle bed opposite to the touch. This unique performance allows a tight knit but also to design very long floated yarn for intarsia or complex in-lay products. This function is programmable. During a knitting row it can be activated or deactivated several times according to the defined program.



Control panel

The new principle of the control panel brings maximum visibility and ergonomics. The machine is controlled by 2 touch-sensitive LED ribbons from one side to the other of the panel. Bright and curved, they allow both a sensitive and visual recognition of the selected command.



Controlled comb

The latest generation comb takes the stitch and release it with a motor controlled hook closure. This new system allows using any kind of start yarn with a 100% scrub reliability and drop.



Motorized Clamps

Activated by 2 motors and controlled by the knitting programs, the motorized clamps are independent of the carriage for their operation. While the carriage knits, the inactive motorized yarn carrier can bring a yarn to the clamp independently, for being cut without loss of production

Coarse gauge C2.185 SCP



- Compound needle
- Coarse gauge E3
- Long needlebed with working width : 185 cm
- Open carriage with 2 systems
- Motorized XY yarn guides Choice of 12 or 24 yarn guides, all motorized
- Latest generation of comb
- Take-down Steiger

The C2.185 SCP design is based on the the patented needle of Steiger. Dedicated to the coarse gauge and free gauge application this 2 systems machine contains needles of gauges E2.5-5 and E3. The large length needle bed of 185 cm allows all the most creative knitwear containing multilayer knitting, complex inlay and Intarsia.

Compound needle

The compound needle patented by Steiger has an original slider that makes the Taurus 2.170 XC unique. This slider, which works as a pallet to form the stitch, allows receiving a stitch while one or more stitches are stored in the hook of the needle. Thus, to move stitches laterally, it is not necessary that the opposing needles are empty since they can receive the stitches on their slider and then return them. A further step was taken with the addition of a storage punch located under the needle. Selected by a mono-selector, it adds a third storage capability of the stitch, necessary for the complete garment knitting. These innovations, available for the first time on a knitting machine, open up infinite possibilities.



Aries 3D: knitting machine for composite material

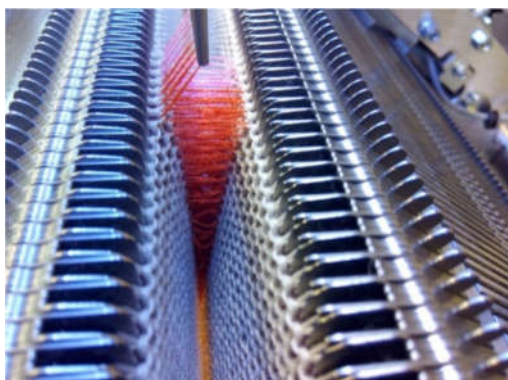
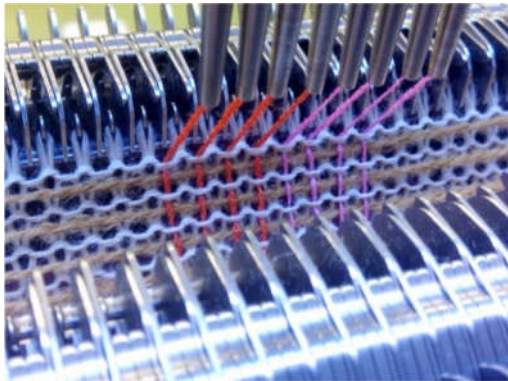
Simulation of the mechanical constraint

Design of a composite textile structure with equivalent mechanical characteristics

Part programming with multilayer and 3D

3D Knitting

Molding by autoclave at 190 °C





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