

ANTARES 3.130

CHARIOT PORTE-CAMES

Machine 1 tête à chariot ouvert, enfilage direct du fil
Porte-cames triple chutes avec report bidirectionnel dans chaque chute
Fonction trois-pistes techniques avec bouche-trou intégré
Serre de mailles à changement électronique sans limite à tout instant
Sélection Steiger électronique des aiguilles

FONTURES

Longueur utile 130 cm
Pince-fil, coupe-fil et pique-fil intégré
Chevalement sélectif +/- 42 mm
Avec possibilité de corrections
Jauge E5 à E18 équipées d'aiguilles talons noyées à report fraisé
Sélection par une seule clavette mono-sélecteur
Auto-nettoyage par aspirateur Venturi
Freegauge (option)
Peigne de tirage

GUIDE-FILS

16 -24 ou 32 guide-fils motorisés verticalement et horizontalement
Cantre externe 34 arrêts aux nœuds (option)
Programmation automatique du pilotage des guide-fils
Dispositif frameur unique (option)
Vanisage de haute qualité réalisable par guide-fils multiples
Distributeur de fil jeteur type Argyle (option)
Kit support fournisseurs avec alimentation intégrée (option)

POSSIBILITÉS / PERFORMANCES

Tous types de jacquards et structures
Formes, finitions, divers, chaînettes, col intégré, intarsia façon Steiger
Reprise de tricotage sur aiguilles vides
Fléchage illimité grâce à son tirage actif à 25 mm de la formation de maille
Programmation Model Version 8 avec licence d'utilisation
Model Version 9 mise à jour, assistance et maintenance cumulées (option)
Model+ mise à jour, assistance et maintenance cumulées (option)

ENTRAÎNEMENTS

Chariot par moteur "brushless" course variable à l'aiguille de 0 à 1,60 m / sec.
Guide-fil moteur Brushless
Tirage tricot par moteur à courant continu avec possibilité d'inversion

CONTRÔLES / SÉCURITÉS

Toutes sécurités nécessaires pour arrêter la machine en cas de casse-fil, nœud, choc, surcharge, bourrage
Batterie de sauvegarde du programme en cas de coupure de courant
Arrêt au bourrage rétractable
Carte accès réseau-atelier 10/100 Mbp
Programme d'auto-diagnostic
Mémoire machine 1 GB
Interface utilisateur par écran tactile couleur 12"
Clé USB pour transfert et sauvegarde des programmes
Netcontrol : gestion de la production (option)
Duoknit : tricot 2 articles sur la fonture (option)
Powerloss : arrêt avec sauvegarde du panneau en cours en cas de coupure de courant prolongée (option)

DIMENSION/CONSUMMATION

Longueur : 3135 mm
Hauteur : 1800/2400 mm
Largeur : 780/1800 mm
Poids : 1050 Kg
Puissance : AC400V +/- 10% ; 50Hz ; 1.5 KW

CARRIAGE - CAM BOXES

Single head without cam carriage bridge, with direct yarn feeding from the top.
Three systems cam boxes each with integrated bi-directional transfer
Unlimited patterning possibility with the Three-Way-Technique
integrated split-stitch function
Stitch length controlled electronically with possibilities to modify any time
Electronic needle selection

NEEDLEBEDS

Working width 130 cm
Yarn clamps / scissors and yarn picks integrated
Selective racking over +/-42 mm with possibility of correction
Gauge E5 à E18 equipped with grooved retracted transfer needles
Mono-selector
Auto cleaning by venturi
Freegauge (option)
Comb Steiger patent

YARN CARRIERS

Equipped with 16-24 or 32 vertically and horizontally motorized yarn carriers
Outside creel with 34 yarn tensioners (option) independently programmable yarn carriers
Unique device for in-lay for technical articles (option)
Plating with 2 yarn carriers
Yarn carriers type "Argyle" (option)
Kit for supporting yarn feeding unit (option)

POSSIBILITIES / PERFORMANCES

All types of jacquard and structures
Shape, cast-off, V-neck, etc.
Press-on on empty needles
Narrowing by retained stitch with take-down active at 25 mm from loop formation
Programming with Model Version 8 with utility licence
Model Version 8 updates, assistance and maintenance
Model Version 9 updates, assistance and maintenance (option)
Model+ updates, assistance and maintenance (option)

DRIVES

Carriage 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, knot, 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
12" color touch-screen interface
Interface USB stick
Netcontrol production control (option)
Duoknit : 2 samples produced on the same needle-bed (option)
Powerloss : machine stop without loss of production in case of power failure (option)

DIMENSION

Length: 3135 mm
Height: 1800/2400 mm
Width: 780/1800 mm
Weight: 1050 kg
Power consumption: AC400V +/- 10% ; 50 Hz ; 1.5 KW

CARRO CON PIASTRE PORTA CAMMES

Macchina a una testa a carro aperto, con alimentazione diretta del filo.
Piastre porta camme a tre cadute con trasporto bidirezionale in ogni caduta.
Tre vie tecniche con tappabuchi integrato.
Gradazioni di maglia con controllo elettronico illimitato in ogni istante.
Selezione elettronica Steiger degli aghi.

FRONTURE

Lunghezza utile 130 cm.
Pinza, forbici e prendi filo integrati.
Spostamento selettivo +/- 42 mm con possibilità di correzione.
Finezze E5 – E18 con ago fresato a tallone annegato.
Selezione con una sola platina monoselettore.
Autopulizia con aspiratore Venturi.
Freegauge (opzione).
Pettine di tiraggio.

GUIDAFILI

16 – 24 o 32 guidafili motorizzati orizzontalmente e verticalmente.
Cantra esterna di 34 tensioni (opzione).
Programmazione automatica del posizionamento dei guidafili.
Esclusivo dispositivo tramatore (opzione).
Vanisé di alta qualità realizzabile con guidafili multipli.
Guidafili con beccuccio tipo "Argyle" (opzione).
Kit per supporto di fornitori di filo (opzione).

POSSIBILITA'/PRESTAZIONI

Tutti i tipi di Jacquard strutturato.
Capi sagomati, finiture, catenelle, scollo integrato, intarsio tipo Steiger.
Rimagliatura su aghi vuoti.
Fléchage illimitato grazie al tiraggio attivo a 25 mm. dalla formazione delle maglie.
Programmazione Model Versione 8 con licenza d'uso.
Model Versione 9 con aggiornamenti, assistenza e manutenzione (opzione).
Model + con aggiornamenti, assistenza e manutenzione (opzione).

TRAINO

Motore "brushless", corsa variabile sull'ago da 0 a max. 1,60 m./sec.
Motori brushless per guidafili.
Motore a corrente continua per tiraggio con possibilità di inversione.

CONTROLLI/SICUREZZE

Tutte le sicurezze necessarie per arrestare la macchina in caso di rottura di filo, nodi, choc, sovraccarico, salva aghi, etc.
Batteria di salvaguardia del programma (in caso di black-out elettrico).
Salva-aghi retraibile.
Scheda gestione collegamento in rete 10/100 Mbps.
Programma di autodiagnostica.
Memoria macchina 1 Gb.
Interfaccia utilizzatore tramite touch-screen da 12" a colori.
Uscita per chiave USB.
Netcontrol: gestione della produzione (opzione).
Duoknit: lavora contemporaneamente 2 articoli sulla frontura (opzione).
Powerloss: arresto macchina con salvataggio telo in lavorazione in caso di black-out elettrico (opzione).

DIMENSIONI/CONSUMI

Lunghezza: 3135 mm.
Altezza: 1800/2400 mm.
Larghezza: 780/1800 mm.
Peso: 1050 kg.
Potenza: AC 400V +/- 10%; 50 Hz; 1,5 KW.

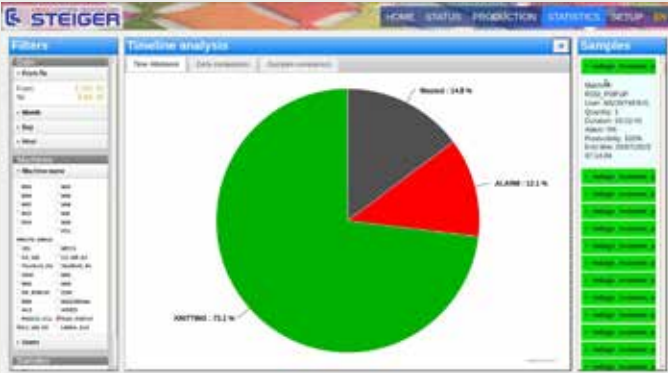
ANTARES 3.130

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.

NETCONTROL 2.0



Display of the shop-floor with machine status



Production's reporting and statistics

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

Steiger is a renowned flat knitting machine manufacturer based in Vionnaz, Switzerland. Founded in 1947, the company is part of CiXing group since 2010 and employs approximately 100 people worldwide. It is the technology leader for industrial knitting machines used for technical and medical products. In the fashion world, it is recognised for the quality of its stitch and for its Intarsia machines. Steiger delivers its products worldwide through a sales and extended service network. A corporate culture based on innovation and a partnership with CiXing group has enabled Steiger to remain the technology leader in the flat knitting industry.

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Flat knitting machine

ANTARES 3.130



ANTARES 3.130



Un nouveau concept de machine évolutive est né avec l'Antares 3.130. Cette machine est une plateforme qui peut accepter des équipements spécifiques en fonction des tricotés produits. Les atouts reconnus de Steiger comme le tirage, le chariot ouvert sont optimisés sur l'Antares 3.130. De nouvelles fonctions apparaissent telles que les guide-fils motorisés horizontalement et verticalement. Conviviale et facile d'utilisation l'Antares 3.130 fait partie d'un concept innovant qui inclut un nouveau soft de programmation : MODEL+. Intuitif, puissant et facile d'accès il rend accessible une programmation performante au plus grand nombre.

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 recognized 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 motorized 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.

L'Antares 3.130 declina un concetto evolutivo nello sviluppo delle macchine rettilinee per maglieria. Questo modello costituisce una piattaforma che può accogliere specifici allestimenti in funzione del prodotto da realizzare. I punti di forza da sempre caratteristici di Steiger, come il tiraggio o il carro aperto, sono ulteriormente ottimizzati sulla Antares 3.130. Fanno la loro comparsa nuove funzioni come i guidafili motorizzati in senso orizzontale e verticale. Conviviale e di facile utilizzo, l'Antares 3.130 fa parte di un progetto di sviluppo innovativo che comprende anche un nuovo software di programmazione: MODEL+. Intuitivo, potente e di facile accessibilità, rende la programmazione veramente alla portata di tutti gli utilizzatori.

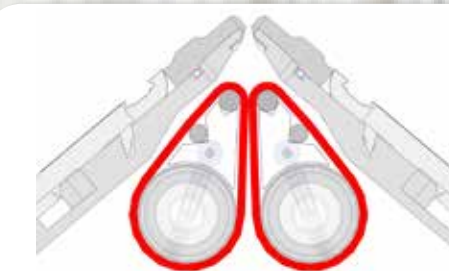
OPEN CARRIAGE

The open carriage with direct threading allows knitting with any type of yarn at high-speed with reduced tension. The yarn path between the cone and the needle, which is smaller, allows a highly limited friction. This will form a unique stitch whose attractiveness is especially appreciated by designers.



SINKER SYSTEM

With its path and form, the sinker system plunges to the needlebed 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.



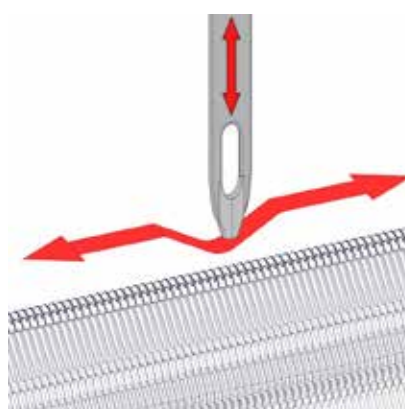
TAKE DOWN

The patented friction take down can knit a wide range of exclusive patterns using the 3D method with circular knitting effects as well as horizontal cable and incorporated elements. These features which cannot be produced with a traditional take-down are here easy to achieve with a unique productivity and quality



FAN STRIPING BARS

This disposal is designed to give maximum visibility and easy threading to the 32 yarn-carriers by the operator. The 8 bars with 2 yarn-carriers on each side offer a bird's eye view of the needlebed. The vision on the knitted fabric is enhanced with an economically efficient system of LED. The yarn path has never been so direct to the needle. The equipping time has been highly reduced with an easy access to all the components. The safety of the operator is ensured by an optical barrier. High efficiency and improved productivity for Intarsia is the result of this optimized design.



MOTORIZED YARN-GUIDES

Controlled by the knitting program, it allows the performing of all the most creative patterns. Horizontally and vertically motorized, this new system provides greater job security and opens new knitting skills for intarsia, plating and in-lay knitting.



CONTROLLED KNITTING 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 press-on yarn with a 100 % hooking and dropping reliability.

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.

