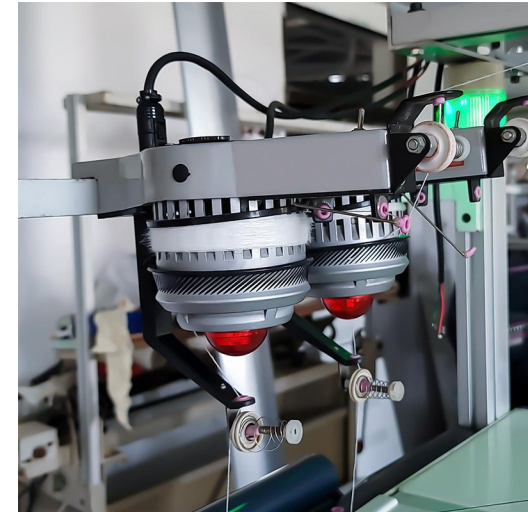
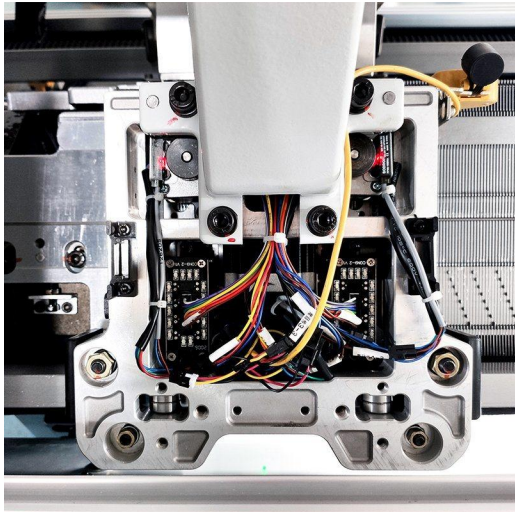
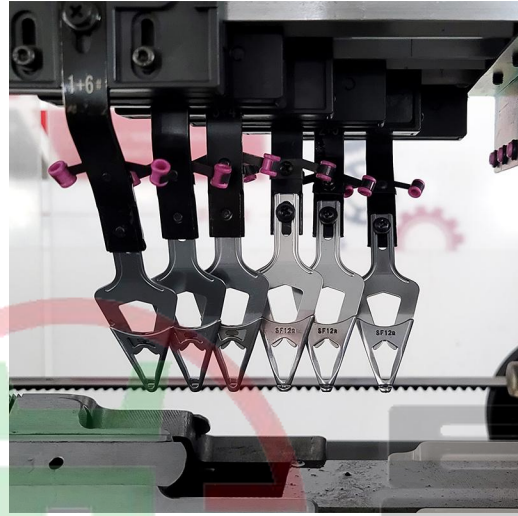


Sweater Knitting Machine

Changshu Changhua Smart
Manufacturing Technology CO,LTD



Machine Details



Product Display





- The Changhua Fully Automated Knitting Machine represents a breakthrough in textile manufacturing, combining cutting-edge technology with precision engineering to revolutionize sweater production. Designed for efficiency and versatility, this advanced machine integrates computerized controls and high-speed mechanisms to automate the entire knitting process, from yarn feeding to pattern creation and stitching. Equipped with multi-head systems and customizable programming, it supports diverse designs, including intricate patterns, ribbing, and seamless constructions, catering to both fashion and industrial demands.
- Built for durability, the machine utilizes premium-grade components and energy-efficient motors, ensuring consistent output while minimizing operational costs. Its user-friendly interface allows operators to adjust parameters seamlessly, reducing downtime and enhancing productivity. Compatible with various yarn types—from natural fibers like wool to synthetic blends—it guarantees high-quality finishes with minimal waste.
- Ideal for large-scale manufacturers and boutique workshops alike, the Changhua machine prioritizes scalability and sustainability. With optional IoT integration, it enables real-time monitoring and predictive maintenance, aligning with Industry 4.0 standards. By merging innovation with reliability, Changhua empowers businesses to meet global market demands swiftly while maintaining eco-friendly practices. Redefine your production capabilities with this state-of-the-art solution for modern knitting challenges.

PRODUCT SPECIFICATION

Gauge	7G9G10G12G14G16G
Knitting width	52,60,72,80,100,120 Inch
Knitting system	Single systemDouble carriage single system(optional) 1+1
Knitting speed	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s.
Knitting function	Jacquard, tuck, transfer stitch, pick hole, open stitch, hidden stitch and other regular pattern knitting
Racking	Controlled by servo-motor racking within 2 inches and with fine adjusting function.
Stitch density	Controlled by stepping motor, 32 section stitch select-able adjustable scope supported by subdivision technology:0-650,the stitch of the knitwear can be accurately controlled.
Dynamic stitch	Using high speed stepping motor, multi-stitch function can be achieved in one line.
Needle selection	Advanced encoder reading, pin.8-stage selecting needle setup composed of special electromagnet is regarded asefficient full width jacquard needle selector,which can be installed or removed simply from the carriage andmaintained easily.
Transfer system	Not affected by the direction of the carriage, minute knitting.
Quickly turning	Intelligent switching braiding system improves machine weaving efficiency.
Take-down system	Infrared alarm,Computer programs instruction, stepper motor control,32-stage tension selection with an adjustablerange between0-100.
Color-changing system	2x3 yarn feeders on each side of 3 guide rails, shift able on any needle position.
Yarn feeder device	Accurately control the tension of the yarn and ensure the consistency of the whole woven piece quality.
Protection system	The machine will automatically alarm if yarn-breaking, knots, floating varn, rewind, end of knitting, fail of racking.needle breakage, error programming occur, also set up the safety auto-lock protect device.
Control system	1.ICD industrial display, Can display various parameters, which can be adjustable during operation.2.U5B memorinterface,Svstem memory 2G.3. Free design system is visual and easy to understand and software upgrade free of charge.4, Support multi-language operation as Chinese and English, Spanish, Russian etc.
Network function	Has network interface,enable remote-monitoring via network,and connecting with ERP system.
Power supply	Single-phase 220V/three-phase 380v,adopt advanced CMOs technology, having, memorizing function at powershock stop.
Non waste yarn Comb device	Non waste yarn Comb device (Optional)
Volume and weight	2500*900*1700mm,650kgs(52inch)3800*900*1700mm,900kgs(80inch double carriages)