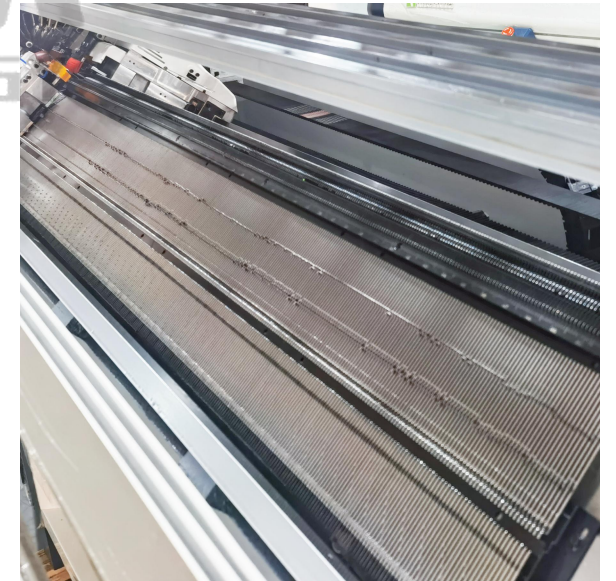
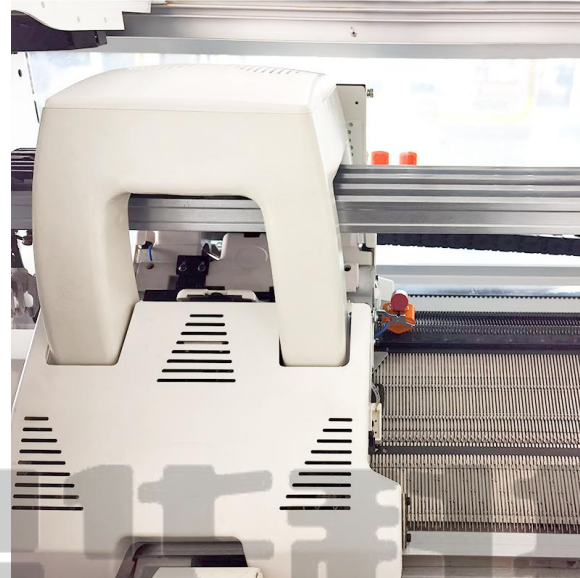
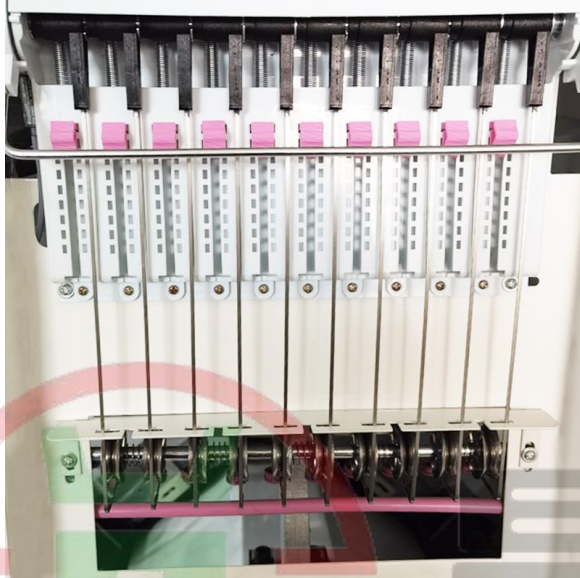


# Three System Blanket Knitting Machine

Changshu Changhua Smart  
Manufacturing Technology CO,LTD



## Machine Details





# Product Display

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- The Changhua Three System Blanket Knitting Machine is a state-of-the-art textile manufacturing solution designed for high-efficiency production of premium-quality blankets. Featuring three independent knitting systems, this advanced machine enables simultaneous multi-layer knitting, significantly increasing output while maintaining superior fabric consistency and design flexibility.
- Engineered with precision servo-driven mechanisms, the machine supports a wide range of materials, including plush fleece, wool blends, and thermal yarns, ensuring softness, durability, and warmth. The intelligent tension control system guarantees uniform stitch density, while the user-friendly touchscreen interface allows for seamless pattern programming, including jacquard, ribbed, and 3D textured designs.
- With high-speed operation (up to 1.5m/s) and energy-efficient components, the machine reduces production costs while maximizing output. IoT-enabled connectivity provides real-time monitoring and predictive maintenance, ensuring uninterrupted operation. Ideal for home textiles, hospitality, and luxury blanket manufacturers, Changhua's innovation combines German engineering precision with smart automation, redefining efficiency and quality in the modern textile industry.

# PRODUCT SPECIFICAYION

Gauge	5G5/7G7G8G9G10G12G14G16G18G
Knitting widt	52, 60, 66, 72, 80,100, 120 Inch
Knitting system	Three system, Double carriage three system(optional)
Knitting speed	Controlled by servo-motor with 32 sections optional, max speed reach 1.6m/s
Knitting function	Knit, miss, tuck, transfer, pointel, intarsia, jacquard, apparent or hide shaping and other regular or irregular patterns.
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 as efficient full width jacquard needle selector, which can be installed or removed simply from the carriage and maintained easily.
Transfer system	Combined design, single or double cam system all can transfer together or separately. Also one can do transfer, another cam system for knitting, which will achieve high production.
Quickly turning	Intelligent switching braiding system improves machine weaving efficiency.
Take-down system	Infrared alarm, computer programs instruction, stepper motor control, 32-stagetension selection with an adjustable range between 0-100.
Color-changing system	2x8 yarn feeders on each side of 4 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.3G-10G Adopts roller feeding device;12G-18G Adopts the yarn storage device
Protection system	The machine will automatically alarm if yarn-breaking, knots, floating yarn, rewind, end of knitting, fail of racking, needle breakage, error programming occur, also set up the safety auto-lock protect device.
Refueling device	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life.
Control system	1. LCD industrial display, can display various parameters, which can be adjustable during operation.2.USB memory interface, System 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 power shock stop.
Non waste yarn Comb device	Non waste yarn Comb device ( Optional )
Volume and weight	3000*1000*1800mm1150kgs ( 52inch )3300*1000*1800mm1250kgs ( 60inch ) 3500*1000*1800mm1350kgs ( 72inch ) 3700*1000*1800mm,1450kgs ( 80inch )
Reducing device	Automatic refueling: Control the refueling time and frequency by setting the time. The oil pump lubricate the jack and long jack needle on the needle bed automatically to reduce the wear of the machine and increase its service life.