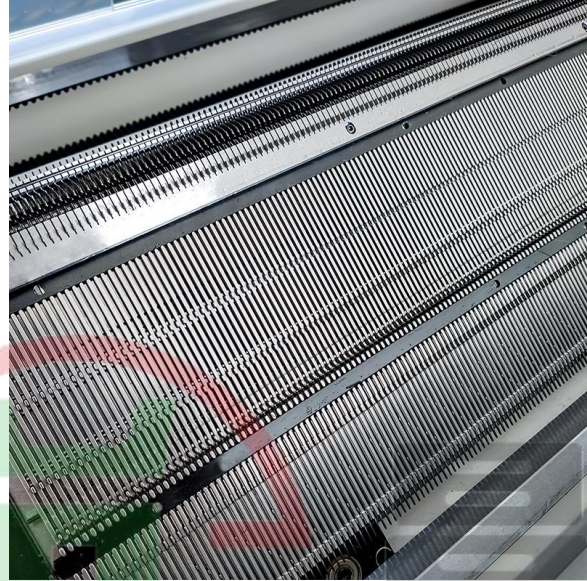


Double System Sweater Knitting Machine

Changshu Changhua Smart
Manufacturing Technology CO,LTD



Machine Details



Product Display





- The Changhua Double System Sweater Knitting Machine is a professional-grade knitting machine designed for high-speed, high-quality sweater production. Featuring an advanced double-needle bed system, it enables simultaneous knitting on both fronts and backs, significantly improving efficiency while maintaining precise stitch control.
- Key Features:
 - Dual-system operation doubles productivity for faster output
 - Versatile patterning capabilities for complex designs and textures
 - Automatic yarn tension control ensures consistent fabric quality
 - User-friendly computerized interface simplifies operation and programming
- Ideal for medium to large-scale manufacturers, this machine excels in producing sweaters, cardigans, and other knitwear with superior precision. Its robust construction and low-maintenance design make it a reliable long-term investment for modern knitting operations.
- Boost your sweater production with Changhua's innovative double system technology – where speed meets perfection.

PRODUCT SPECIFICAYION	
Gauge	1.5G2.5G3G3.5G5G5/7G7G8G9G10G12G14G16G18G
Knitting width	52, 60, 66, 72, 80, 100, 120 Inch
Knitting system	Double system, Double carriage double 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.
Sinker system	controlled by stepping motor, adjustable to different knitwear, up to be various results of shaping and patterns.
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.
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*1800mm1050kgs(52inch)