

	HP2-45C	HP2-52C	HP2-56C
Gauge	5G、 5/7G、 12G、 14G、 16G		
Knitting width	45 inches	52 inches	56 inches
Knitting speed	255 seeltion,the max speed 1.6m/s.controlled by AC serve motor,serve motor will use the precise back award control and link up the high speed operation ability of digital signal prouss(DSP)to control IGBT		
Knitting system	Single carriage with double systems		
Weaving function	Transfer, tuck, pointel, intarsia, jacquard, apparent shape, hidden shape and other regular pattern knitting functions		
Shifting	Using AC servo motor control, the shift range is up to 2 inches, with an accurate adjustment function		
Probe alarm system	Probe alam		
Read pin signal	IO board and head circuit board double check servo coding value		
Rib transfer	Triangle composite design, single/double synergy can be either single or simultaneously transfer, can also be one system weaving the other system transferring, to achieve efficient production.		
Stitch density	Controlled by stepping motor, 255 segment density selection, using subdivision technology, asjustable range:0-310, more accurate control of the length of the fabric, the use of closed loop system to monitor the current position of the motor		
Sinker system	The stepping motor can adjust the active sinker, and can be adjusted according to different fabrics to achieve a plularity of collecting and putting effects.		

Comb device( C series)	Using closed U shape type compound needle with releasing principle, in order to effectively realize yarn hanging and sloughing function
Scissors and Clips	2 scissors and 4 clips are controlled by the six individual motor, the program instructions can be carried out simultaneously or seperately, to improve work efficiency and reduce yarn waste
Batching system	Computer program instructions,stepping motor control, 255 segment tension selection, adjustable range:0-100
Color changing system	The 2*8 yarn feeder group is arranged on the left and the right sides of the 4 double side guide rails. Modify the position of the yarn feeder
Protection system	Automatic stopping device if broken yarn, yarn knot,batching, striking, completion, overload, designated starting and stopping, program error happen, and start safety self locking protection
Language choice	Multi language version:support Chinese, English, Arabia and other languages, meanwhile according to customer's needs add the required language
Network function	High speed Ethernet(ETHERNET) network can accommodate up to 250 flat knitting machine,weaving data can be uploaded, downloaded and shared.
Motor connecting rod	The connecting rod is driven by the machinery electron motor, in a result to achieve more accurate direction changing

Power supply system	Single phase 220V/three-phase 380V, using UPS power control system to ensure the case of power cut, the control system can still run normally, and immediately save the current running data.		
Machine size	L*W*H:2810x934x2010 mm	L*W*H:2970x934x2010 mm	L*W*H:3070x934x2010 mm
Weight	1040kg	1130kg	1343kg