

Knitting Unit	
Carriages / knitting systems	1 x 3
Combined knitting-transfer systems with split function [01]	3
Electronic wear-free selection systems with 2 selection points	8
Dynamic tension setting with step motors. Extremely quick adjustments of stitch tension with PTS (Power Tension Setting).	●
Drive / Racking	
Main drive: programmable speed; variable stroke; Power-RCR-System (Rapid Carriage Return); flexible speed adjustment using starting bar; CFC-protective system (Carriage Force Control)	●
Max. knitting speed (m/s) [02]	1,2
Racking: Racking course max. 4", programmable racking speed	●
Racking course of additional left and right needle beds: max. 2"	●
Needle bed	
Nominal width / max. working width, in inches (cm)	50 (127)
Gauges	E 7   8   10   12   14
Gauge conversion [03]	E 7 - 8 / E10 - 14
Knockover bits	●
Moveable holding-down sinkers on both needle beds [04]	●
Pelerine spring-transfer needle with spring-loaded latch	●
Needle detector	●
Needle exchange	○
8 Thread clamping and cutting device, independent of carriage, left   right	●   ●
Illuminated working space	●
Shock stop motion, front   rear	●   ●
Central lubrication of needle bed elements and carriage slide bars	○
Additional beds	
2 split additional beds with transfer elements	●
Nominal width/max. working width, in inches (cm)	50 (127)
2 external transfer systems	●
Shock stop motion, left   right	●   ●
Yarn guide	
Yarn control units	18   14 [05]
8 active thread clamp, left   right	●   ●
Lateral yarn tensioners with scale, left   right	12   12
Lateral thread break, left   right	8   8
Thread deflectors for optimum yarn guidance, left   right	●   ●
Yarn carrier rail   yarn carrier	4   12
Intarsia yarn carrier	○
Plating kit consisting of plating yarn carrier and bobbin holder	○
Devoré knit device	○
2 additional holders for 4 bobbins each	○
Additional holders for bobbins, mounted on the rear side of the machine	○
Yarn feed unit	
Friction feed wheel, 8 tracks each, left   right	●   ●
Storage feed wheel, max. 2 x 3 [06]	○
ASCONE® - Stitch Calibration System, 8 measurement points, left   right [07]	○   ○
Stoll-multiflex® fabric take-down system	
Main take-down	●
Upper take-down	●
Take-down comb	●
Control system / Data processing	
Memory (main computer)	256 MB
Stoll-touchcontrol®: moveable colour display slide with touchscreen 800 x 600 pixels	●
2 USB ports; hard-drive; Online via Ethernet	●
Battery back-up: correct continuation of the knitting process after power failure	●
Safety devices	
Fully enclosed working area	●
Machine complies with EC-regulations (CE-mark)	●
Machine status lamp	●
Cleaning device	
Suction device with turbine; with suction tube	●
Dimensions / Weights	
Length: unpacked   in the case   on pallet, approx. in mm	2700   2970   2970
Width: unpacked   in the case   on pallet, approx. in mm	909   1140   1102
Height: unpacked   in the case   on pallet, approx. in mm	2050   1900   1800
Weight: net   gross with cage   gross with pallet, approx. in kg	1290   1840   1480
Connection value, depending on operating status (kW)	2,3

- Standard equipment
- Special equipment

[01] All systems are fully independent. Knitting with the three-way technique, or simultaneous transfer to the front and rear.

[02] Depends on yarn and pattern structure.

[03] Conversion possible to CMS 530 T multi gauge (E 7.2)

[04] Adjustable and variable on the holding down depth

[05] E 7 - 8 | E 10 - 14

[06] Requires transformer, not in combination with ASCONE®.

[07] System for measuring and regulating the stitch length.

We reserve the right to make technical changes as our products are continuously undergoing further development. All data valid at time of printing 02/14-E.