

Carriages / knitting systems	
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 course max. 4"; programmable racking speed	●
Needle bed	
Nominal width / max. working width, in inches (cm)	50 (127)
Gauges	E 5 7 8 10 12 14 16 18
Gauge conversion [03]	E 5 - 7 / E10 - 18
Knockover bits	●
Moveable holding-down sinkers on both needle beds	●
Pelerine spring-transfer needle with spring-loaded latch	●
Needle detector	●
Needle exchange	○ [04]
8 thread clamping and cutting device, left right	● ●
Illuminated working space	●
Shock stop motion, front rear	● ●
Central lubrication of needle bed elements and carriage slide bars	○
Yarn guide	
Yarn control units	20 14 [05]
Active thread clamps 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	○
Plush device	○
2 additional holders for 4 bobbins each	● / ○ [06]
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 [07]	○
ASCONE® - Stitch Calibration System, 8 measurement points, left right [08]	○ ○ [09]
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	1240 1790 1430
Power	
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 a CMS 530 HP Multi gauge or CMS 530 Knit&Wear.

- [04] With needle gauge
- Machine gauge E 5 ○4 | ● 5
 - Machine gauge E 7 ○5 | ● 7 | ○8
 - Machine gauge E 8 ○7 | ● 8
 - Machine gauge E 10 ●10 | ○ 12
 - Machine gauge E 12 ○10 | ● 12
 - Machine gauge E 14 ● 14
 - Machine gauge E 16 ● 16
 - Machine gauge E 18 ● 18

[05] E 5-8 | E10 and higher.

- [06] ● E5-8
○ E10 and higher.

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

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

[09] - | ● E16 + E18

We reserve the right to make technical changes as our products are continuously undergoing further development. All data valid at time of printing 11/14-E.