

Technical Data CMS 530 HP multi gauge

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	●
Needle bed	
Nominal width / max. working width, in inches (cm)	50 (127)
Gauges	E 2,5.2 3,5.2 5.2 6.2 7.2 8.2
Gauge conversion [03]	E 2,5.2 – 5.2 E 6.2 – 8.2
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 and elements and carriage slide bars	○
Yarn guide	
Yarn control units	24 20 18 [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	●
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]	○ ○ [08]
Stoll-multiflex® fabric take-down syste7	
Main take-down	●
Upper take-down	●
Comb take-down	●
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
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 or CMS 530HP knit&wear.
- [04] With needle gauge
Machine gauge E 2,5.2 - E2,5.2m.4L and to E5
Machine gauge E 3,5.2 - E2,5.2, to 3,5.2m.4L and to 5
- [05] For gauges E 2,5.2 – 5.2 | 6.2 + 7.2 | 8.2
- [06] Requires transformer, not in combination with ASCON®.
- [07] System for measuring and regulating the stitch length
- [08] – | ● E8.2

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.