

Technical Data CMS 502 HP multi gauge

Knitting Unit	
Carriages / knitting systems	1 x 2
Combined knitting-transfer systems with split function [01]	2
Electronic wear-free selection systems with 2 selection points	6
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-protection 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)	45 (114)
Gauges	E 2,5.2 3,5.2 6.2 7.2 8.2
Gauge conversion [03]	E 2,5.2 – 3,5.2 E 6.2 – 8.2
Knockover bits	●
Movable holding-down jacks on both needle beds	●
Pelrine spring-transfer needle with spring-loaded latch	●
Needle detector	●
Needle exchange	○ [04]
8 thread clamping and cutting device, left right	- 8 [05]
Illuminated working space	●
Shock Stopp motion, front rear	● ●
Yarn guide	
Yarn control units [06]	14
8 active thread clamp left / right	- ●
Lateral yarn tensioners with scale, left right	8 12
Lateral thread break, left right	- 8
Thread deflectors for optimum yarn guidance, left right	● ●
Yarn carrier rail yarn carrier	4 8
Plating kit consisting of plating yarn carrier and bobbin holder	○
Yarn feed unit	
Friction feed wheel, 8 tracks, left right	○ ●
ASCONE®, automatic slitch control, 8 measurement points, left right [07]	○ ○
Fabric take-down system	
Main take-down	●
Upper take-down	○
Take-down comb	●
Control system / Data processing	
Memory (main computer)	256 MB
Stoll-touchcontrol®: colour display with touchscreen 800 x 600 Pixel	●
1 USB port; hard-drive; Online via Ethernet	●
Batterie back-up: correct continuation of the knitting process after power failure	●
Safety device	
Fully enclosed working area	●
Machine complies with EC-regulations (CE-mark)	●
Machine status lamp	●
Dimensions / Weights	
Length: unpacked in the case on pallet, approx. in mm	2370 2644 2644
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 case gross with pallet, approx. in kg	1028 1458 1148
Connection value, depending on operating status (kW) [07]	1,7

- Standard equipment
- Optional 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 also possible to CMS 502 HP.

[04] On request

[05] Optional with 1x16 clamping and cutting points.

[06] For gauge E 2,5.2 + 3,5.2 | 6.2 and higher

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

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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.