

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 [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 – 8,2
Fixed knockover bits	●
Movable holding-down jacks on both needle beds	●
Peleryne spring-transfer needle with spring-loaded latch	●
Needle detector	●
Thread clamping and cutting device with individual clamping and cutting points, on the right hand side [04]	8
Illuminated working space	●
Shock Stopp motion, front / rear	● ●
Yarn guide	
Yarn control units [05]	16 14
8 active thread clamp left / right	● ●
Lateral yarn tensioners with scale and following permanent thread brake, left / right	8 12
Thread deflectors for optimum yarn guidance, left /right	● ●
Yarn feeder rail / yarn feeder	4 8
Plating kit consisting of plating yarn feeder and bobbin holder	○
Yarn feed unit	
Friction feed wheel, 8 tracks, left / right	○ ●
ASCONE®, automatic stitch control, 8 measurement points, left right [06]	○ ○
Fabric take-down system	
Main take-down	●
Upper take-down	○
Take-down comb for start of fabric on empty needles	●
Control system / Data processing	
Memory (main computer)	256 MB
Stoll-touchcontrol®: moveable display slide with touchscreen;	●
2 USB ports; 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-Zeichen)	●
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 1150 1102
Height: unpacked in the case on pallet, approx. in mm	2050 1938 1720
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 from CMS 502 HP multi gauge to a CMS 502 HP and vice versa.

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

[05] For gauge E 2,5,2 | 6,2 and higher

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

[07] The electric power consumption during knitting depends always on the gauge and working conditions and will be considerably lower than the connection value indicated.

We reserve the right to make technical changes as our products are continuously undergoing further development. All data valid at time of printing 01/12-E.