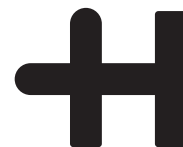


## Equipment

# Technical information. Speedmaster CX 102.



The Speedmaster® CX 102 offers a modern press concept that combines the reliability of the CD series, tried and tested with well over 100,000 printing units installed worldwide, and the most innovative technology of the peak performance class.

The Speedmaster CX 102 is the universal straight-printing press in 70 cm × 100 cm format (27.56 in × 39.37 in). With speeds of up to 16,500 sheets per hour, there are very few challenges in commercial, label, and packaging printing that it cannot handle, and no customer requirements that it cannot meet. The perfect interaction of all components enables the Speedmaster CX 102 to easily process all materials from lightweight paper through to rigid cardboard.

Get the jump on industrial printing production of tomorrow with Push to Stop: for the first time in the history of offset printing, you can now change jobs fully automatically – from the last to the first good sheet, right up until production starts. The high level of automation and the intelligent control make operation extremely user-friendly and guarantee you wholly controlled and stable processes. They minimize makeready times, energy consumption, and paper waste, and by so doing increase your cost efficiency.

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For details on the emissions of the Speedmaster CX 102, please visit us at [heidelberg.com/emissiondetails](http://heidelberg.com/emissiondetails)

**Subject to technical modifications and other changes.**



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## Technical data Speedmaster CX 102

<b>Printing stock</b>	
Max. sheet size	720 mm × 1,020 mm (28.35 in × 40.16 in)
Min. sheet size	340 mm × 480 mm (13.39 in × 18.90 in)
Max. print format	710 mm × 1,020 mm (27.95 in × 40.16 in)
Thickness without auto-non-stop operation of the delivery	0.03 mm – 1.00 mm (0.0012 in – 0.039 in)
Thickness with auto-non-stop operation of the delivery	0.07 mm – 1.00 mm (0.0028 in – 0.039 in)
Gripper margin (thickness < 0.8 mm/0.03 in)	10 mm – 12 mm (0.39 in – 0.47 in)
Gripper margin (thickness > 0.8 mm/0.03 in)	11 mm – 12 mm (0.43 in – 0.47 in)
<b>Print output</b>	
Maximum	16,500 sph
<b>Plate cylinder</b>	
Cylinder undercut	0.12 mm (0.0047 in)
Distance from lead edge of plate to lead edge of print	43 mm/52 mm (1.69 in/2.05 in)
<b>Plates</b>	
Length × width	790 mm × 1,030 mm (31.10 in × 40.55 in)
Thickness	0.20 mm – 0.30 mm (0.0079 in × 0.0118 in)
<b>Blanket cylinder</b>	
Length × width blanket (metal-backed)	840 mm × 1,052 mm (33.07 in × 41.42 in)
Thickness, blanket	1.95 mm (0.0768 in)
Cylinder undercut	2.30 mm (0.0906 in)
Length × width packing sheet	735 mm × 1,030 mm (28.94 in × 40.55 in)

<b>Coating blanket cylinder</b>	
Length × width coating blanket (metal-barred)	800 mm × 1,048 mm (31.50 in × 41.26 in)
Length × width coating plate	780 mm × 1,030 mm (30.71 in × 40.55 in)
Max. coating area	710 mm × 1,020 mm (27.95 in × 40.16 in)
Cylinder undercut	3.20 mm (0.1260 in)
Distance from lead edge of coating plate to lead edge of coating	43 mm (1.69 in)

### Pile heights (incl. pile table and pile support plate)

Preset Plus feeder	1,320 mm (51.97 in)
Preset Plus delivery	1,295 mm (50.98 in)
Elevated press	+ 500 mm (19.69 in)

### Sample configuration

Basis: Speedmaster CX 102-6+L with Preset Plus feeder and Preset Plus delivery with two extension modules

Number of printing units	6
Number of coating units	1
Length	15.94 m (627.56 in)
Width	3.33 m (131.10 in)
Height	2.15 m (84.65 in)

Technical data subject to job, consumables, substrate, and possibly other factors.



You can find more about the details of your Speedmaster here:  
[heidelberg.com/cx102/machine-comparison](https://heidelberg.com/cx102/machine-comparison)