

Technical information

Speedmaster CX 104

Printing has never been easier.

The machine concept of the Speedmaster® CX 104 combines proven reliability with technical innovation and an outstanding operating concept.

It makes printing fun!

The Speedmaster CX 104 opens up a whole new host of opportunities to you – right up to navigated or autonomous production. This is made possible by intelligent assistance systems like Intellistart® 3 and Intelliline, which revolutionize job changes with time-optimized automation and provide complete transparency. The universal straight-printing press in the new format can process all materials – from lightweight paper to rigid cardboard – with ease. With speeds of up to 16,500 sheets per hour, it also holds its own when it comes to performance. And the newly developed, easy-to-handle coating unit helps you to make all your customers' finishing dreams come true.

This versatile and efficient performance impresses not only packaging professionals, but also commercial and label printers. No matter what other segment you may be interested in for the future, the Speedmaster CX 104 can be freely configured – entirely to your needs – with various add-on packages.

For you this means added future-proofing and investment security.

Publishing information

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For details on the emissions of the Speedmaster CX 104, please visit us at heidelberg.com/emissiondetails

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Technical data Speedmaster CX 104

Printing stock	
Max. sheet size	720 mm × 1,040 mm (28.35 in × 40.94 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)
Print output	
Standard	15,000 sph
Option	16,500 sph
Plate cylinder	
Cylinder undercut	0.12 mm (0.005 in)
Distance from lead edge of plate to lead edge of print	43 mm/52 mm (1.69 in/2.05 in)
Plates	
Length × width	790 mm × 1,030 mm (31.10 in × 40.55 in)
Thickness	0.20 mm – 0.30 mm (0.009 in – 0.012 in)
Blanket cylinder	
Length × width blanket (metal-backed)	840 mm × 1,052 mm (33.07 in × 41.42 in)
Thickness, blanket	1.95 mm (0.077 in)
Cylinder undercut	2.30 mm (0.091 in)
Length × width packing sheet	735 mm × 1,030 mm (28.94 in × 40.55 in)

Coating blanket cylinder	
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 (0.126 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	+ 564 mm (22.20 in)

Sample configuration

Basis: Speedmaster CX 104-6+L with Preset Plus feeder and Preset Plus delivery with two extension modules	
Number of printing units	6
Number of coating units	1
Length	15.958 m (628.27 in)
Width	3.932 m (154.80 in)
Height	2.45 m (96.46 in)

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



You can find more about the details of your Speedmaster here:
heidelberg.com/cx104/machine-comparison