

Equipment

Technical information. Speedmaster SX 52.



The Speedmaster® SX 52 is one of a kind in A3 format.

Equipped with the latest technology, and tried and tested with over 40,000 units sold, it provides an alternative way for print shops to compete with web-to-print and digital printing.

Open up new markets: the Speedmaster SX 52 sets standards whether with UV technology for premium finishing treatments, with the Anicolor® short inking unit for short production runs and minimal paper waste, or as an eight-color or perfecting press.

Both smaller and large print shops can benefit from the Speedmaster SX 52. It is designed for high productivity with printing speeds of up to 15,000 sheets per hour. Thanks to the Prinect Press Center® 2 control station, it is easy to operate and can be integrated into the Prinect® workflow.

Another plus: each Speedmaster SX 52 is backed up by the comprehensive service offering from Heidelberg®. This enables you to get the most from your printing press at all times thanks to perfectly coordinated consumables, maintenance, remote functions, and an international service and spare parts network.

Count on the Speedmaster SX 52, either with a custom configuration or as a special edition press at attractive terms. Enjoy the confidence of a triple investment: in a press that will retain its value, in top quality, and in outstanding economy.

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For details on the emissions of the Speedmaster SX 52, please visit us at heidelberg.com/emissiondetails

Subject to technical modifications and other changes.



Technical data Speedmaster SX 52

Printing stock	
Max. sheet size	370 mm × 520 mm (14.57 in × 20.47 in)
Min. sheet size (straight printing)	105 mm × 145 mm (4.13 in × 5.71 in)
Min. sheet size (perfecting mode)	140 mm × 145 mm (5.51 in × 5.71 in)
Max. print format (straight printing)	360 mm × 520 mm (14.17 in × 20.47 in)
Max. print format (perfecting mode)	350 mm × 520 mm (13.78 in × 20.47 in)
Thickness	0.03 mm – 0.40 mm (0.0012 in – 0.016 in)
optionally up to	0.60 mm (0.024 in)
Gripper margin	8 mm – 10 mm (0.32 in – 0.39 in)

Print output	
Maximum	15,000 shp

Plate cylinder	
Cylinder undercut	0.03 mm (0.0012 in)
Distance from lead edge of plate to lead edge of print	58 mm (2.28 in)

Plates	
Length × width (metal)	459 mm × 525 mm (18.07 in × 20.67 in)
Length × width (polyester)	454 mm × 525 mm (17.87 in × 20.67 in)
Thickness	0.10 mm – 0.15 mm (0.0039 in – 0.0059 in)

Blanket cylinder	
Length × width blanket (without metal backing)	460 mm × 536 mm (18.11 in × 21.10 in)
Length × width blanket (metal-backed)	490 mm × 536 mm (19.29 in × 21.10 in)
Thickness blanket	1.95 mm (0.0768 in)
Length × width packing sheet	377 mm × 532 mm (14.84 in × 20.94 in)
Cylinder undercut	3.00 mm (0.1181 in)

Coating blanket cylinder	
Length × width coating blanket (metal-backed)	425 mm × 534 mm (16.73 in × 21.02 in)
Length × width coating plate	426 mm × 525 mm (16.77 in × 20.67 in)
Max. coating area	360 mm × 520 mm (14.17 in × 20.47 in)
Cylinder undercut	3.20 mm (0.1260 in)
Distance from lead edge of coating plate to lead edge of coating	34 mm (1.34 in)

Pile heights (incl. pile carriage)	
Feeder	915 mm (36.02 in)
Standard delivery	535 mm (21.06 in)
High-pile delivery	695 mm (27.36 in)

Sample configuration	
Basis: Speedmaster SX 52-5-P+L with short high pile delivery	
Number of printing units	5
Number of coating units	1
Length	7.67 m (301.79 in)
Width	2.04 m (80.31 in)
Height	1.62 m (63.78 in)

Technical data can vary according to job, ink, printing stock and, possibly, other factors.



You can find more about the details of your Speedmaster here:
heidelberg.com/sx52/machine-comparison