

HEIDELBERG - SM52 - 4

» General Information

Machine ID	: MCID_221
Machine Group	: Press
Make	: HEIDELBERG
Model	: SM52 - 4
Type	: Sheetfed
Units	: 4
Year	: 2012
Serial Number	: 0
Latest Total Impressions	: 0 Million
Machine Availability	: Immediately
Date	: 17-02-2026
Current Status	: Under Production
Test Print Possibility	: Yes
Cylinders Condition	: No damages
Overall Machine Condition	: 4 / 5

» Configuration

Feeder Unit	: Preset Feeder
Plate Clamping	: Auto Plate Clamp
Blanket Washer	: Auto Blanket Washer
Impression Cylinder Wash	: Not Applicable
Printing Process	: Conventional
Inking Unit	: Auto Roller Washer
Rollers	: Conventional Inking Rollers
Rollers Condition	: Rollers are average
Dampening Unit	: Alcolor Dampening
Vario System	: Not Applicable
Coating Unit	: Anilox Roller System
IR Dryer	: Not Applicable
Delivery Unit	: Low Pile Delivery
Control Station	: Prinect Press Center
Color Measuring Device	: Not Applicable
Water Circulation System	: Baldwin , Air Cooled
Plate Punch	: With
Plate Bender	: With
Pneumatic Compressor	: With

» Images





Print-related specifications

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Print-related specifications Speedmaster SM 52			
Printing materials	Maximum sheet size		370 × 520 mm (14.57 × 20.47 in)
	Minimum sheet size		105 × 145 mm (4.13 × 5.71 in)
	Maximum print format		360 × 520 mm (14.17 × 20.47 in)
	Gripper bite		8...10 mm (0.31...0.39 in), continuously adjustable
	Printing material thickness		0.03...0.4 mm (0.0012...0.016 in)
Printing performance	Maximum		15,000 sheets/h ⁽¹⁾
	Minimum		3000 sheets/h
	Crawl speed		5 rpm
Plate cylinder	Printing plate size	Base material metal	459 × 525 mm (18.07 × 20.67 in)
		Base material polyester	454 × 525 mm (17.87 × 20.67 in)
	Printing plate thickness		0.10...0.15 mm (0.0039...0.0059 in)
	Plate cylinder undercut		0.03 mm (0.0012 in)
	Distance between lead edge of plate and print start		58 mm (2.28 in)
Blanket cylinder	Format	Blanket, without metal edge	460 × 536 mm (18.11 × 21.10 in)
		Blanket, metal-edged	490 × 536 mm (19.29 × 21.10 in)
		Packing sheets	377 × 532 mm (14.84 × 20.94 in)
	Thickness	Blanket	1.95 mm (0.077 in)
	Blanket cylinder undercut		3.0 mm (0.118 in)
Inking unit	Total number of rollers		18
	Inking form rollers		4
	Inking form rollers diameter		64.5 mm (2.54 in), 61.0 mm (2.40 in), 54.0 mm (2.13 in), 68.0 mm (2.68 in)
	Ink zones		16
Dampening system	Type		Alcolor continuous-film dampening system
	Total number of rollers		5
	Dampening form roller		1
	Dampening form roller diameter		68 mm (2.68 in)
Pile heights, net	Feeder		840 mm (33.07 in)
	Standard delivery		460 mm (18.11 in)
Pile heights, gross ⁽²⁾	Feeder		915 mm (36.02 in)
	Standard delivery		535 mm (21.06 in)

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Maximum pile weight	Maximum pile weight	Feeder	180 kg (400 lbs)
		Standard delivery	100 kg (220 lbs)
	Maximum auxiliary pile weight	Feeder	80 kg (176 lbs)
Noise emission	Noise emission values according to EN 13023:		
	Sound pressure level at the feeder control console		78 dB(A)
	Sound pressure level at the standard delivery		81 dB(A)
	Additional measured value:		
	Sound pressure level at the feeder (front side)		81 dB(A)
Heat emission			According to power demand

Tab. 1 Print-related specifications

(¹): The maximum printing performance depends on the conditions on site and on the materials used. Deviations may also be due to customer- or market-specific special accessories. If this is the case, the deviations are documented in the press-specific publications.

(²): Including pile carriage.