HEIDELBERG - SM102 - 2P

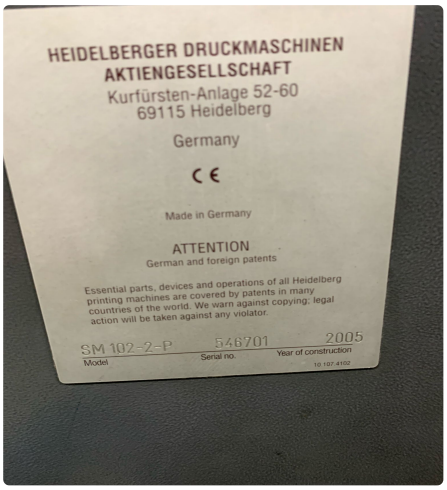
General Information

Machine ID	: MCID_131
Machine Group	: Press
Make	: HEIDELBERG 24
Model	: SM102 - 2P
Type	: Sheetfed
Units	: 2
Year	: 2005
Serial Number	: 546701
Latest Total Impressions	: 190 Million
Machine Availability	: Immediately
Date	: 06-09-2025
Current Status	: Dismantled
Test Print Possibility	: No
Remark	:
Cylinders Condition	: No damages
Overall Machine Condition	: 4 / 5

Configuration

Feeder Unit	: Preset Feeder
Plate Clamping	: Auto Plate Clamp
Printing Process	: Conventional
Inking Unit	: Auto Roller Washer
Rollers	: Conventional Inking Rollers
Rollers Condition	: Rollers are average
Dampening Unit	: Alcolor Dampening
Vario System	: Without
Coating Unit	: Without Coating Unit
IR Dryer	: Without
Delivery Unit	: Preset Delivery X0
Control Station	: CP2000 Center
Color Measuring Device	: Without
Water Circulation System	: Baldwin , Air Cooled
Plate Punch	: Without
Plate Bender	: Without
Pnemantic Compressor	: Without

Images


HEIDELBERGER DRUCKMASCHINEN
AKTIENGESELLSCHAFT
Kurfürsten-Anlage 52-60
69115 Heidelberg
Germany
CE
Made in Germany
ATTENTION
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SM 102-2-P
Model
546701
Serial no.
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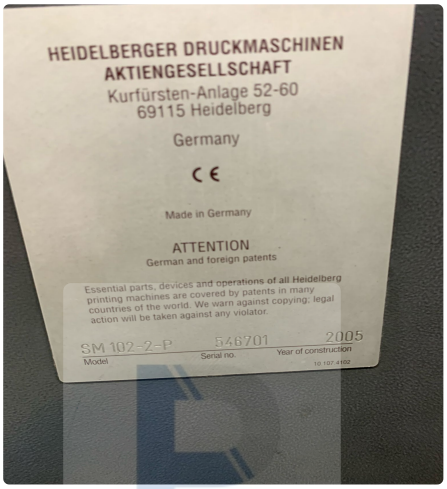
Year of construction

HEIDELBERG
Speedmaster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Speedmaster

Print-related specifications

Print-related specifications

Print-related specifications Speedmaster SM 102 (SM 102 with Preset Plus feeder and Preset delivery)			
Sheet sizes	Largest format		720 × 1020 mm *(28.35 × 40.16 in)*
	Smallest format	for straight printing	340 × 480 mm *(13.39 × 18.90 in)*
		for perfecting	400 × 480 mm *(15.75 × 18.90 in)*
	Largest print format	Standard	700 × 1020 mm *(27.56 × 40.16 in)*
		with Autoplate and without perfector	710 × 1020 mm *(27.95 × 40.16 in)*
	Largest varnishing size		710 × 1020 mm *(27.95 × 40.16 in)*
	Paper bite		10...12 mm *(0.39...0.47 in)* , continuously adjustable
	Printing material thickness		0.03...0.8 mm *(0.0012...0.031 in)*
Printing performance	Maximum ([1])	SM 102-2...SM 102-8-P-S	13,000 sheets/h
		SM 102-8 + L... SM 102-10-P-S	12000 sheets/h
	Minimum		3000 sheets/h
	Crawl speed		5 rpm
Printing plates, standard	Format		770 × 1030 mm *(30.31 × 40.55 in)*
	Thickness		0.2...0.5 mm *(0.008...0.020 in)*
	Plate cylinder undercut		0.5 mm *(0.020 in)*
	Distance between front edge of plate and print start		43 mm *(1.69 in)*
Printing plates, Autoplate	Format		790 × 1030 mm *(31.10 × 40.55 in)*
	Thickness		0.2...0.3 mm *(0.008...0.012 in)*
	Plate cylinder undercut		0.15 mm *(0.006 in)*
	Distance between front edge of plate and print start		52 mm *(2.05 in)*
			With adapter strip also 43 mm *(1.69 in)*
Coating plates	Format		780 × 1030 mm *(30.71 × 40.55 in)*
	Thickness		varies according to model (frequently 1.14 mm/ 1.16 mm *(0.045 in / 0.046 in)*)
	Coating blanket cylinder undercut		3.2 mm *(0.126 in)*
	Distance between front edge of plate and coating start		43 mm *(1.69 in)*
Blankets	Format	unrailed	800 × 1052 mm *(31.50 × 41.42 in)*

Print-related specifications Speedmaster SM 102 (SM 102 with Preset Plus feeder and Preset delivery)			
		metal-backed	840 × 1052 mm *(33.07 × 41.42 in)*
	Thickness		1.95 mm *(0.077 in)*
	Blanket cylinder undercut		2.3 mm *(0.091 in)*
Coating blankets	Sheet size, reinforced		800 × 1048 mm *(31.50 × 41.26 in)*
	Thickness		1.95 mm *(0.077 in)*
	Coating blanket cylinder undercut		3.2 mm *(0.126 in)*
Underlay sheet	Format		735 × 1030 mm *(28.94 × 40.55 in)*
Inking unit	Total number of rollers		21
	Form rollers		4
	Diameter		60 mm *(2.36 in)* , 72 mm *(2.83 in)* , 66 mm *(2.60 in)* , 80 mm *(3.15 in)*
	Ink fountain zones		32
Dampening system	Model		Alcolor-Vario continuous damping unit
	Total number of rollers		5
	Form rollers		1
	Diameter		78 mm *(3.07 in)*
Pile heights, gross ([2])	Feeder		1320 mm *(51.97 in)*
	Delivery without non-stop device	Pile removal from end face	1205 mm *(47.44 in)*
		Pile removal from side	1160 mm *(45.67 in)*
	Delivery with non-stop device (without stop bar)	Pile removal from end face	1185 mm *(46.66 in)*
		Pile removal from side	1150 mm *(45.28 in)*
Pile heights, elevated printing presses	Elevation of the pile by elevating the printing press		+ 500 mm *(19.69 in)*
Maximum pile weight	Feeder		2000 kg *(4410 lbs)*
	Delivery		1100 kg *(2425 lbs)*
Noise emission	Noise emission levels according to EN 13023:		
	Sound level at the feeder control console		81 dB(A)
	Sound level on the delivery		81 dB(A)
	Additional measurement value according to DIN 45635, sheet 27:		
	Sound level at the feeder (front side)		84 dB(A)
Heat emission			According to power requirement

Tab. 1 Print-related specifications

([1]): Maximum press-related performance. This value depends on the local conditions and the material used.

([2]): Including pile support plate and pile table.