HEIDELBERG - SM52 - 4

General Information

Machine ID	: MCID_01
Machine Group	: Press
Make	: HEIDELBERG
Model	: SM52 - 4
Type	: Sheetfed
Units	: 4
Year	: 2007
Serial Number	:
Latest Total Impressions	: 48 Million
Machine Availability	: Immediately
Current Status	: Under Production
Test Print Possibility	: Yes
Cylinders Condition	: No damages
Overall Machine Condition	: 4 / 5

Configuration

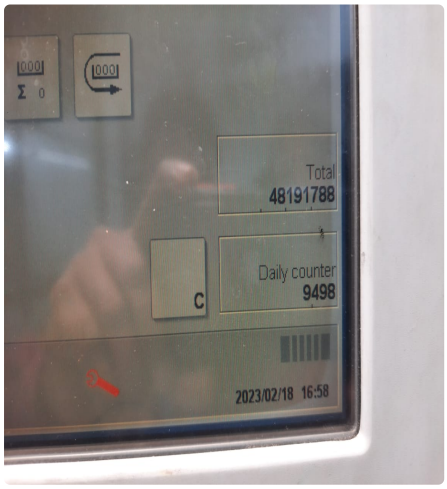
Feeder Unit	: Preset Feeder
Plate Clamping	: Semi Auto Plate Clamp
Blanket Washer	: Auto Blanket Washer
Printing Process	: Conventional
Inking Unit	: Manual roller washer
Dampening Unit	: Alcolor Dampening
Vario System	: WithOut
Coating Unit	: Without Coating Unit
IR Dryer	: WithOut
Delivery Unit	: Low Pile Delivery
Control Station	: CP2000 Center
Color Measuring Device	: Without
Water Circulation System	: Technotrans , Air Cooled
Plate Punch	: WithOut
Plate Bender	: WithOut
Pnemantic Compressor	: With

Images





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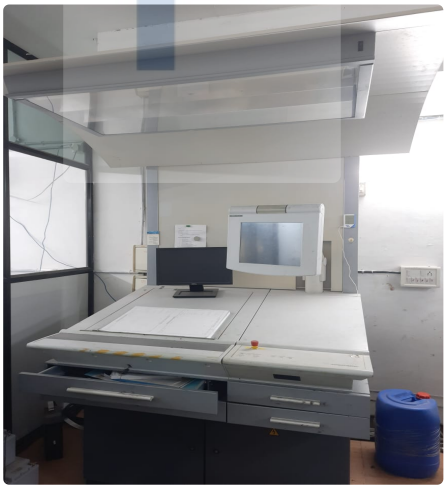
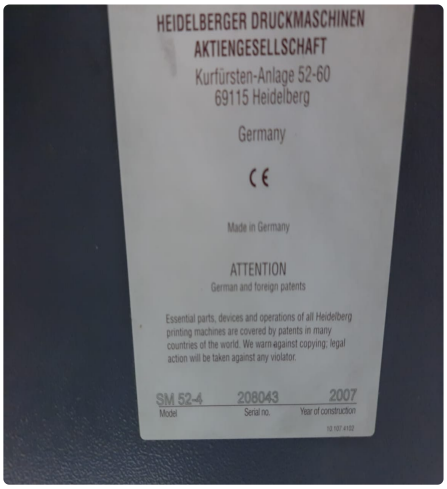
HEIDELBERGER DRUCKMASCHINEN
AKTIENGESELLSCHAFT
Kurfürsten-Anlage 52-60
69115 Heidelberg
Germany
CE
Made in Germany
ATTENTION
German and foreign patents
Essential parts, devices and operations of all Heidelberg printing machines are covered by patents in many countries of the world. We warn against copying; legal action will be taken against any violator.
SM 52-4
208043
2007
Model
Serial no.
Year of construction









Print-related specifications

Print-related specifications

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)*

Print-related specifications Speedmaster SM 52			
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.