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	: 89 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	: 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	:
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
Pnemantic Compressor	: With

Images















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.