

HEIDELBERG - SM74 - 5H - L

» General Information

Machine ID	: MCID_063
Machine Group	: Press
Make	: HEIDELBERG
Model	: SM74 - 5H - L
Type	: Sheetfed
Units	: 6
Year	: 1998
Serial Number	:
Latest Total Impressions	: 273 Million
Machine Availability	: Immediately
Date	: 22-11-2024
Current Status	: Under Production
Test Print Possibility	: Yes
Cylinders Condition	: With repaired marks
Overall Machine Condition	: 4 / 5

» Configuration

Feeder Unit	: Preset Feeder
Plate Clamping	: Auto Plate Clamp
Blanket Washer	: Manual Blanket Wash
Impression Cylinder Wash	: Manual Impression Cylinder Wash
Printing Process	: Conventional
Inking Unit	: Manual Roller Washer
Rollers	: Conventional Inking Rollers
Rollers Condition	: Rollers are average
Dampening Unit	: Alcolor Dampening
Vario System	: Without
Coating Unit	: Two Roller System
IR Dryer	: With
Delivery Unit	: High Pile Delivery
Control Station	: CPC 1.04 with CP Tronic
Color Measuring Device	: Without
Water Circulation System	: Technotrans , Air Cooled
Plate Punch	: With
Plate Bender	: With
Pneumatic Compressor	: With

» Images





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Print-related specifications

Print-related specifications

Print-related specifications Speedmaster SM 74			
Printing materials	Maximum sheet size		530 × 740 mm (20.87 × 29.13 in)
	Minimum sheet size		210 × 280 mm (8.27 × 11.02 in)
	Maximum print format		510 × 740 mm (20.08 × 29.13 in)
	Gripper bite		8...10 mm (0.31...0.39 in), continuously adjustable
	Printing material thickness		0.03...0.6 mm (0.0012...0.024 in)
Printing performance	Maximum		15,000 sheets/h ⁽¹⁾
	Minimum		3000 sheets/h
	Crawl speed		5 rpm
Plate cylinder	Printing plate size		605 × 745 mm (23.82 × 29.33 in)
	Printing plate thickness		0.25...0.3 mm (0.0098...0.012 in)
	Plate cylinder undercut		0.15 mm (0.006 in)
	Distance between lead edge of plate and print start		59.5 mm (2.34 in)
Blanket cylinder	Format	Blanket, without metal edge	616 × 772 mm (24.25 × 30.39 in)
		Blanket, metal-edged	627 × 772 mm (24.69 × 30.39 in)
		Packing sheets	550 × 750 mm (21.65 × 29.53 in)
	Thickness	Blanket	1.95 mm (0.077 in)
	Blanket cylinder undercut		2.3 mm (0.091 in)
Inking unit	Total number of rollers		16
	Inking form rollers		4
	Inking form rollers diameter		65.5 mm (2.58 in) 60.5 mm (2.38 in) 55.5 mm (2.19 in) 70.5 mm (2.78 in)
	Ink zones		23
Dampening system	Type	With SM 74-2	Alcolor continuous-film dampening system
		With SM 74-4	Alcolor continuous-film dampening system
		With SM 74-4-H	Alcolor-Vario continuous dampening system
	Total number of rollers		5
	Dampening form roller		1
	Dampening form roller diameter		48 mm (1.89 in)
Pile heights, net	Feeder		963 mm (37.91 in)

Print-related specifications Speedmaster SM 74			
	Standard delivery	Pile removal from the front	500 mm (19.69 in)
	High-pile delivery	Pile removal from the front	1000 mm (39.37 in)
		Pile removal from the side	860 mm (33.86 in)
Pile heights, gross ⁽²⁾	Feeder		1060 mm (41.73 in)
	Standard delivery	Pile removal from the front	597 mm (23.50 in)
	High-pile delivery	Pile removal from the front	1160 mm (45.67 in)
		Pile removal from the side	1020 mm (40.16 in)
Maximum pile weight	Maximum pile weight	Feeder	520 kg (1145 lbs)
		Standard delivery	275 kg (606 lbs)
		High-pile delivery	660 kg (1455 lbs)
	Maximum auxiliary pile weight	Feeder	222 kg (489 lbs)
		Standard delivery	35 kg (77 lbs)
		High-pile delivery	35 kg (77 lbs)
Noise emission	Emission sound pressure level to EN 13023:		
	SM 74 with standard delivery	Feeder control console	78 dB(A)
		Center of feeder	81 dB(A)
		Center long side of machine O.S.	77 dB(A)
		Standard delivery	79 dB(A)
	SM 74 with high-pile delivery	Feeder control console	79 dB(A)
		Center of feeder	82 dB(A)
		Center long side of machine O.S.	79 dB(A)
High-pile delivery		77 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 or pile support plate and pile table.