

## HEIDELBERG - SM74 - 4H

### » General Information

Machine ID	:	MCID_209
Machine Group	:	Press
Make	:	HEIDELBERG
Model	:	SM74 - 4H
Type	:	Sheetfed
Units	:	4
Year	:	2011
Serial Number	:	
Latest Total Impressions	:	0 Million
Machine Availability	:	Immediately
Date	:	06-02-2026
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	:	Not Applicable
IR Dryer	:	Not Applicable
Delivery Unit	:	Preset Plus Delivery X0
Control Station	:	Prinect Press Center
Color Measuring Device	:	Not Applicable
Water Circulation System	:	Technotrans , Air Cooled
Plate Punch	:	With
Plate Bender	:	With
Pnematic Compressor	:	With

► **Images**



# 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
	Packing sheets	627 × 772 mm (24.69 × 30.39 in)
	Thickness	Packing sheets
	Thickness	Blanket
	Blanket cylinder undercut	
Inking unit	Total number of rollers	2.3 mm (0.091 in)
	Inking form rollers	16
	Inking form rollers diameter	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)	
Dampening system	Ink zones	23
	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
Pile heights, net	Total number of rollers	5
	Dampening form roller	1
	Dampening form roller diameter	48 mm (1.89 in)
	Feeder	963 mm (37.91 in)

Print-related specifications Speedmaster SM 74			
High-pile delivery	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 <sup>(2)</sup>	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

<sup>(1)</sup>: 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.

<sup>(2)</sup>: Including pile carriage or pile support plate and pile table.