

### HEIDELBERG - SM74 - 6H - L

#### General Information

Machine ID : MCID\_029

Machine Group : Press

Make : HEIDELBERG 16 Model : SM74 - 6H - L

Type : Sheetfed

Units : 6 Year : 2010

Serial Number : DS000544

Latest Total Impressions : 204 Million

Machine Availability : Immediately

Date : 04-01-2024

Current Status : Under Production

Test Print Possibility : Yes

Cylinders Condition : No damages

Overall Machine Condition : 4.5 / 5

### Configuration

Feeder Unit : Preset Feeder

Plate Clamping : Semi Auto Plate Clamp
Blanket Washer : Auto Blanket Washer

Impression Cylinder Wash : Auto Impression Cylinder Washer

Printing Process : Conventional

Inking Unit : Auto Roller Washer

Rollers : Conventional Inking Rollers

Rollers Condition : Rollers are good
Dampening Unit : Alcolor Dampening

Vario System : With

Coating Unit : Two Roller System

IR Dryer : With

Delivery Unit : Preset Delivery X0
Control Station : Prinect Press Center

Color Measuring Device : Without

Water Circulation System : Technotrans , Air Cooled

Plate Punch : With
Plate Bender : With
Pnemantic Compressor : Without

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# **Print-related specifications**

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Printing	ecifications Speedmaster SM 74  Maximum sheet size $ 530 \times 740 \text{ mm } (20.87 \times 29) $		
materials	Minimum sheet size		$210 \times 280 \text{ mm } (8.27 \times 11.02 \text{ in})$
	Maximum print format		$510 \times 740 \text{ mm } (20.08 \times 29.13 \text{ in})$
	Gripper bite		810 mm (0.310.39 in),
	oripper one		continuously adjustable
	Printing material thickness		0.030.6 mm (0.00120.024 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		0.250.3 mm (0.00980.012 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	$627 \times 772 \text{ mm } (24.69 \times 30.39 \text{ in})$
		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		With SM 74-2	Alcolor continuous-film dampening system
	Туре	With SM 74-4	Alcolor continuous-film dampening system
		With SM 74-4-H	Alcolor-Vario continuous dampenin
	Total number of rollers		5
	Dampening form roller		1
	Dampening form roller diameter		48 mm (1.89 in)
Pile heights, net	Feeder		963 mm <i>(37.91 in)</i>

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Print-related sp	ecifications Speedmaste	er 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 <i>(33.86 in)</i>
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	Feeder	520 kg (1145 lbs)
Maximum pile weight		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 marketspecific 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.