

HEIDELBERG - PM74 - 4 - P3

» General Information

Machine ID	: MCID_061
Machine Group	: Press
Make	: HEIDELBERG
Model	: PM74 - 4 - P3
Type	: Sheetfed
Units	: 4
Year	: 2005
Serial Number	: PM740953
Latest Total Impressions	: 185 Million
Machine Availability	: Immediately
Date	: 21-11-2024
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	: Not Applicable
Impression Cylinder Wash	: Not Applicable
Printing Process	: Conventional
Inking Unit	: Manual Roller Washer
Rollers	: Conventional Inking Rollers
Rollers Condition	: Rollers are average
Dampening Unit	: Eco-color dampening system
Vario System	: Without
Coating Unit	: Without Coating Unit
IR Dryer	: Without
Delivery Unit	: Low Pile Delivery
Control Station	: CPC Classic Center
Color Measuring Device	: Without
Water Circulation System	: Baldwin , Air Cooled
Plate Punch	: With
Plate Bender	: With
Pneumatic Compressor	: With

» Images





Print-related specifications

Print-related specifications

Print-related specifications for Printmaster PM 74			
Sheet sizes	Largest sheet size		530 × 740 mm (20.87 × 29.13 in)
	Smallest sheet size	For straight printing	210 × 280 mm (8.27 × 11.02 in)
		For perfecting	300 × 280 mm (11.81 × 11.02 in)
	Largest 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		13,000 sheets/h ⁽¹⁾
	Minimum		3,000 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-backed	627 × 772 mm (24.69 × 30.39 in)
		Packing sheets	550 × 750 mm (21.65 × 29.53 in)
	Blanket thickness		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 mm (2.56 in), 60 mm (2.36 in), 55 mm (2.17 in), 70 mm (2.76 in)
	Ink zones		23
Dampening system	Type		Alcolor continuous-type dampening system or Alcolor Vario continuous-type 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)
	Delivery		500 mm (19.69 in)

Print-related specifications for Printmaster PM 74		
Pile heights, gross ⁽²⁾	Feeder	1060 mm (41.73 in)
	Delivery	597 mm (23.50 in)
Maximum pile weight	Feeder	490 kg (1080 lbs)
	Delivery	275 kg (605 lbs)
Noise emission	Noise emission values according to EN 13023:	
	Sound level at the feeder control console	80 dB(A)
	Sound level at the delivery	82 dB(A)
	Additional measurement value according to DIN 45635, sheet 27:	
	Sound level at the feeder (front side)	84 dB(A)
Heat emission		According to power requirement

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.