

HEIDELBERG - SM102 - 2P

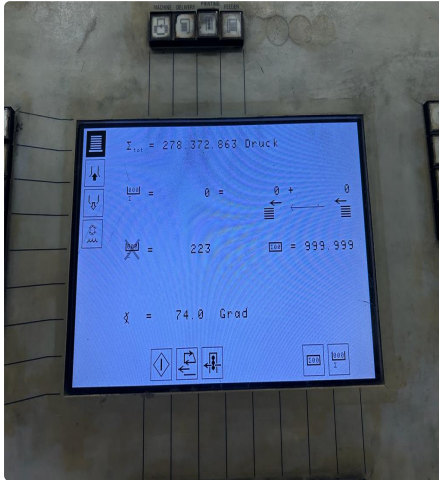
» General Information

Machine ID	: MCID_018
Machine Group	: Press
Make	: HEIDELBERG 24
Model	: SM102 - 2P
Type	: Sheetfed
Units	: 2
Year	: 1990
Serial Number	: 530902
Latest Total Impressions	: 294 Million
Machine Availability	: Immediately
Date	: 17-02-2024
Current Status	: Under Production
Test Print Possibility	: Yes
Cylinders Condition	: No damages
Overall Machine Condition	: 4 / 5

» Configuration

Feeder Unit	: Standard Feeder
Plate Clamping	: Quick Action 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 good
Dampening Unit	: Alcolor Dampening
Vario System	: Without
Coating Unit	: Without Coating Unit
IR Dryer	: Without
Delivery Unit	: Standard Delivery
Control Station	: CPC 1.03 with CP Tronic
Color Measuring Device	: Without
Water Circulation System	: Baldwin , Basic
Plate Punch	: Without
Plate Bender	: Without
Pneumatic Compressor	: With

» Images





Print-related specifications

Print-related specifications

Print-related specifications Speedmaster SM 102 (SM 102 with Preset Plus feeder and Preset delivery)			
Sheet sizes	Largest format		720 × 1020 mm (28.35 × 40.16 in)
	Smallest format	for straight printing	340 × 480 mm (13.39 × 18.90 in)
		for perfecting	400 × 480 mm (15.75 × 18.90 in)
	Largest print format	Standard	700 × 1020 mm (27.56 × 40.16 in)
		with Autoplate and without perfector	710 × 1020 mm (27.95 × 40.16 in)
	Largest varnishing size		710 × 1020 mm (27.95 × 40.16 in)
	Paper bite		10...12 mm (0.39...0.47 in) , continuously adjustable
	Printing material thickness		0.03...0.8 mm (0.0012...0.031 in)
Printing performance	Maximum (¹)	SM 102-2...SM 102-8-P-S	13,000 sheets/h
		SM 102-8 + L...SM 102-10-P-S	12000 sheets/h
	Minimum		3000 sheets/h
	Crawl speed		5 rpm
Printing plates, standard	Format		770 × 1030 mm (30.31 × 40.55 in)
	Thickness		0.2...0.5 mm (0.008...0.020 in)
	Plate cylinder undercut		0.5 mm (0.020 in)
	Distance between front edge of plate and print start		43 mm (1.69 in)
Printing plates, Autoplate	Format		790 × 1030 mm (31.10 × 40.55 in)
	Thickness		0.2...0.3 mm (0.008...0.012 in)
	Plate cylinder undercut		0.15 mm (0.006 in)
	Distance between front edge of plate and print start		52 mm (2.05 in)
			With adapter strip also 43 mm (1.69 in)
Coating plates	Format		780 × 1030 mm (30.71 × 40.55 in)
	Thickness		varies according to model (frequently 1.14 mm/ 1.16 mm (0.045 in / 0.046 in))
	Coating blanket cylinder undercut		3.2 mm (0.126 in)
	Distance between front edge of plate and coating start		43 mm (1.69 in)
Blankets	Format	unrailed	800 × 1052 mm (31.50 × 41.42 in)

Print-related specifications Speedmaster SM 102 (SM 102 with Preset Plus feeder and Preset delivery)			
	metal-backed		840 × 1052 mm (33.07 × 41.42 in)
	Thickness		1.95 mm (0.077 in)
	Blanket cylinder undercut		2.3 mm (0.091 in)
Coating blankets	Sheet size, reinforced		800 × 1048 mm (31.50 × 41.26 in)
	Thickness		1.95 mm (0.077 in)
	Coating blanket cylinder undercut		3.2 mm (0.126 in)
Underlay sheet	Format		735 × 1030 mm (28.94 × 40.55 in)
Inking unit	Total number of rollers		21
	Form rollers		4
	Diameter		60 mm (2.36 in) , 72 mm (2.83 in) , 66 mm (2.60 in) , 80 mm (3.15 in)
	Ink fountain zones		32
Dampening system	Model		Alcolor-Vario continuous damping unit
	Total number of rollers		5
	Form rollers		1
	Diameter		78 mm (3.07 in)
Pile heights, gross (²)	Feeder		1320 mm (51.97 in)
	Delivery without non-stop device	Pile removal from end face	1205 mm (47.44 in)
		Pile removal from side	1160 mm (45.67 in)
	Delivery with non-stop device (without stop bar)	Pile removal from end face	1185 mm (46.66 in)
		Pile removal from side	1150 mm (45.28 in)
Pile heights, elevated printing presses	Elevation of the pile by elevating the printing press		+ 500 mm (19.69 in)
Maximum pile weight	Feeder		2000 kg (4410 lbs)
	Delivery		1100 kg (2425 lbs)
Noise emission	Noise emission levels according to EN 13023:		
	Sound level at the feeder control console		81 dB(A)
	Sound level on the delivery		81 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): Maximum press-related performance. This value depends on the local conditions and the material used.

(²): Including pile support plate and pile table.