

PRINTING UNITS, DIMENSIONS AND DETAILS

LITHOMAN data sheet

Equipment

Max. cylinder revolutions (1/h)	long grain: 40,000/45,000; short grain: 55,000/60,000 maximum (depends on web width)
Cylinder circumference (mm/inch)	long grain: 1,092–1,260/42.99–49.61; short grain: 890–940/35.04–37.01 depends on requirements
Web width (mm)	long grain: 965/1,460/1,800/1,905/1,980/2,060/2,250; short grain: 1,260/1,560/1,905/1,980 depends on requirements
Web width (inch)	long grain: 37.99/57.48/70.87/75/77.95/81.1/88.58; short grain: 49.61/61.42/75/77.95 depends on requirements
Pages per web (A4)	long grain: 32/48/64/72/80; short grain: 32/40/48 depends on requirements
Folder superstructure	modular system. Option: depends on requirements option: additional equipment depends on requirements
Folder	long grain: PFI-3/1, PFI-5, FF-2, FF-4; short grain: PFI-5 depends on requirements option: additional equipment depends on requirements
Printing units	4 (+) option: additional printing units depends on requirements
Automatic webbing-up device	option
Direction of web travel	left – right; right – left depends on requirements
Configurations	single-web or multiple-web depends on requirements
Drive concept	single drive of all components
Reel splicer	DLC 2100 (50" to 1,260 mm/49.61 inch); DLC 3200 (50" to 2,060 mm/81.1 inch); option DLC 5000 (60" to 2,060 mm/81.1 inch); DLC 6000 (60" to 2,250 mm/88.58 inch) for web width 2,250 mm/88.58 inch
Reel supply	MANUload/AUROload depends on web width
Reel handling system	option PASUSYS
Plate changing system	automated: PPL™ (option fully-automated: APL™ not for printing units with sleeve technology; only for LITHOMAN III and IV)
Inking unit	film inking unit, two-circle inking unit temperature control
Ink fountain	individual 40 mm/1.57 inch wide ink zones, option: presetting
Dampening unit	3-roller Hydromix film dampening unit for IPA-free printing
Dampening water system	technotrans delta-d
Dryer	DualDry III (optional: DualDry TNV, DualDry RTO)
Chill roller stand	6-roller
PressManagement System	option: printnet®
Automation system	printnet module PECOM, option: extension levels
Support system	option TeleSupportCenter (TSC)
ClosedLoop control system	color and cut-off register control, option: ink density control
Automatic start-up	option: QuickStart
Service	option: TelePresence

Some of the functions described above are options (each identified as option) and not standard equipment for the LITHOMAN. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The LITHOMAN is subject to continuing development. Experience gained in practice and the results of research flow into product design. It is therefore in your interest that we reserve the right to make design and specification changes. Only the written order confirmation is binding. The contents of this document, in particular brand names, logos and texts, are the property of manroland and protected by law. Reproduction or utilization of this document as well as the communication of its content to others without explicit written authorization by manroland is prohibited. We may take legal measures against offenders. All rights are reserved with respect to the filing or granting of patents, utility models or designs.



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