

## PRINTING UNITS, DIMENSIONS AND DETAILS

### COLORMAN 4-2

#### Equipment

Pages per web (broadsheet)	16
Max. performance (copies per hour)	max. 90,000 depends on requirements
Cylinder revolutions max. (1/h)	max. 45,000 depends on requirements
Web width (mm/inch)	1,200 – 1,700/47.24 – 66.93
Cut-off length (mm/inch)	470 – 578/18.50 – 22.75
Printing units	X, 9-cylinder satellite, H, 8-cylinder blanket-to-blanket
Inking unit	film inking unit; option ink vibrator roller cooling, IROLOC, heatset equipment
Ink fountain	undershot ink blade, alternatively pump inking unit
Dampening unit	turbo dampening unit; spray dampening unit depends on requirements
Plate lock-up	centrifugal force lock-up
Plate changing system	option: PowerPlateLoading (PPL®); AutomaticPlateLoading (APL®) depends on requirements
Blanket	bar tensioning or metal-back blanket depends on requirements
Cylinder bearings	triple ring bearing technology
Drive	AC single motor drive electrical/shaftless synchronization one motor per double printing couple and folder one motor per printing couple depends on requirements
Reel splicer	CD 13, CD 15; 50"/60" roll diameter depends on requirements
Reel supply	MANUload/AUROload depends on requirements
Reel handling system	AUROSYS optional
Folder	2:3:3; 2:5:5; 4:7:7 depends on requirements 2 <sup>nd</sup> longitudinal fold depends on requirements cross perforation, longitudinal perforation, longitudinal gluing application, ribbon or cylinder stitcher
Folder superstructure	1–6 formers on 1–3 levels
Turner bar unit	manual or motorized reversible turner bars
Washing devices	option: blanket and satellite washing device, roller washing device with automatic water and washing agent supply
PressManagement system	option: printnet
Automation system	printnet module PECOM, option: extension levels
ClosedLoop control systems	option: color and cut-off register, ink density, web tension and dampening solution
Service	option: TelePresence
Web width variability	optional in different modes, e.g. movable formers, 90° turned folders or turner bars, as well as in production-specific automation grades (manual to automatic)
Printing inks	coldset (option: hybrid with heatset/UV equipment according to requirements and with corresponding performance parameters)
Inkjet equipment	option: with corresponding performance parameters

Some of the functions described above are options (each identified as option) and not standard equipment for the COLORMAN. They can be combined to provide customer-specific configurations in accordance with the valid options price list. The COLORMAN 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. A civil action will be brought against offenders. All rights are reserved with respect to the filing or granting of patents, utility models or designs.



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