

TECHNICAL SPECIFICATIONS

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Printing technology	<ul style="list-style-type: none"> - Konica Minolta's exclusive inkjet engine technology - Drop-on-Demand (DoD) technology - Piezoelectric printheads, developed and manufactured by Konica Minolta - Single-pass printing - Flexible printing architecture 	Paper path	<ul style="list-style-type: none"> - 100% flat paper path - Vacuum-feed system - Air-feed system - Automatic double-sheet detection - In-line LED dryer - On-the-fly drying and curing via integrated LED dryer
Coating thickness	Depending on your file, the inks used and the type of surface of your sheet, the coating thickness can vary <ul style="list-style-type: none"> - Laminated and aqueous coating: 21 µm – 116 µm for 3D-raised effects and tactile finish - Toner and coated paper: 30 µm – 116 µm for 3D-raised effects and a tactile finish - Lowest possible thickness using dithering mode: 7 µm (substrate permitting) 	Maintenance and remote technical support	<ul style="list-style-type: none"> - Daily maintenance completed in less than 10 minutes - Majority of procedures are automated - Automatic cleaning system - From cold start to production in less than 10 minutes - Remote troubleshooting & support via included video/web camera (high-speed Internet connection required)
Production speed	<ul style="list-style-type: none"> - 2D/flat mode: Up to 2,077 A3 sheets per hour (with 21 µm) - 3D/raised mode: Up to 1,260 A3 sheets per hour (with 51 µm) - Up to 547 A3 sheets per hour (with 116 µ) 	Pilot panel	Integrated user-friendly LCD touchscreen
Registration	Uses the Artificial Intelligence SmartScanner® for full real-time automated sheet-to-sheet registration process; no crop marks required, registration accuracy to ± 200 µm	Options	<ul style="list-style-type: none"> - Automatic PDF File Converter (using RIP PC-C1) - VDP barcode scanner - Artificial Intelligence SmartScanner® lighting for metalized substrates - Corona Treatment System (CTS) - Ozone filter (only available when CTS option is also fitted)
Formats	Min.: 21 x 29.7 cm (8" x 11.8") Max.: 36.4 x 75 cm (14.3" x 29.5") Max. printable width: 35.2 cm (13.9")	Dimensions (L x W x H)	4.02 x 1.20 x 1.80 m (13.19' x 3.94' x 5.91') Necessary clearance: 1 m (3.3') on all 4 sides
Substrate thickness	Min.: 135 g/m ² and not less than 150 µm before printing and lamination Max.: 450 g/m ² and not more than 450 µm before printing and lamination Motorized height-adjustment printheads	Weight	± 1,068 kg (2,355 lb)
Substrates	<ul style="list-style-type: none"> - Printing on most matte or glossy laminated surfaces, with or without aqueous coating, layered paper, plastic, PVC and other coated materials - Printing directly on most digital prints with no lamination or coating required 	Electrical requirements	<ul style="list-style-type: none"> - For Europe and the majority of the world: 7.5 kW (32 A) at 220-240 Volts 50/60 Hz -2 plugs CEE/IP44 32A(1P+N+PE) - For USA/Canada only: 7.5 kW (30A) at 208-240 Volts 50/60 Hz -2 Nema plugs L6-30P (30A 250V, 2P 3 Wires)
UV coatings and capacity	10 litres (2.6 gal.) tank capacity	Operating requirements	Temperature: 18°C – 30°C (64°F – 86°F) Environment relative humidity: 30 – 50% (no condensation) Optimum: 22°C (72°F), 40% humidity
High-capacity automatic paper feeder	<ul style="list-style-type: none"> - Vacuum belt feeding system - Able to handle a paper pile up to ± 28 cm (11") approximately 2,250 sheets at 135 g/m² - All paper formats from A4 up to 36.4 x 75 cm (14.3" x 29.5") 	Average yearly duty cycle	±600,000 pages in 36 x 52 cm format
Paper exit tray	Tray able to handle a paper pile: <ul style="list-style-type: none"> - Up to 15 cm (5.9") approximately 1,250 sheets at 135 g/m² - Approximately 1,250 sheets at 135 g/m² - All paper formats from Letter up to 36.4 x 75 cm (14.3" x 29.5") - No paper extensions available - Automatic tray full sensor 	Respecting the environment	<ul style="list-style-type: none"> - Eliminates resource waste (wasted electricity, paper and varnish) - No plates (offset) or screens (screen printing) - No cleanup or preparation between jobs - Drastic reduction in consumables and use of bulk packaging - Coating without volatile solvent

The default sheet format is A3, unless otherwise stated:

1) with an additional option installed

2) speed will vary according to printing parameter used

3) confirm substrate/toner compatibility with Konica Minolta

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