

# ACCURIOSHINE 3600

Digital Print Embellishment Press

<b>Printing technology</b>	<ul style="list-style-type: none"><li>- Konica Minolta's exclusive inkjet engine technology</li><li>- Drop-on-Demand (DoD) technology</li><li>- Piezoelectric printheads, developed and manufactured by Konica Minolta</li><li>- Single-pass printing</li><li>- Flexible printing architecture</li></ul>
<b>Coating thickness</b>	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"><li>- Laminated and aqueous coating: 21 µm – 116 µm for 3D-raised effects and tactile finish</li><li>- Toner and coated paper: 30 µm – 116 µm for 3D-raised effects and a tactile finish</li><li>- Lowest possible thickness using dithering mode: 7 µm (substrate permitting)</li></ul>
<b>Production speed</b>	<ul style="list-style-type: none"><li>- 2D/flat mode: Up to 2,077 A3 sheets per hour (with 21 µm)</li><li>- 3D/raised mode: Up to 1,260 A3 sheets per hour (with 51 µm)</li><li>- Up to 547 A3 sheets per hour (with 116 µm)</li></ul>
<b>Registration</b>	Uses the Artificial Intelligence SmartScanner® for full real-time automated sheet-to-sheet registration process; no crop marks required, registration accuracy to ± 200 µm
<b>Formats</b>	Min.: 8" x 11.8" (21 x 29.7 cm) Max.: 14.3" x 29.5" (36.4 x 75 cm) Max. printable width: 13.9" (35.2 cm)
<b>Substrate thickness</b>	Min.: 135 g/m <sup>2</sup> and not less than 150 µm before printing and lamination Max.: 450 g/m <sup>2</sup> and not more than 450 µm before printing and lamination Motorized height-adjustment printheads
<b>Substrates</b>	<ul style="list-style-type: none"><li>- Printing on most matte or glossy laminated surfaces, with or without aqueous coating, layered paper, plastic, PVC and other coated materials</li><li>- Printing directly on most digital prints with no lamination or coating required</li></ul>
<b>UV coatings and capacity</b>	10 liters (2.6 gal.) tank capacity
<b>High-capacity automatic paper feeder</b>	<ul style="list-style-type: none"><li>- Vacuum belt feeding system</li><li>- Able to handle a paper pile up to ± 11" (28 cm) approximately 2,250 sheets at 135 g/m<sup>2</sup></li><li>- All paper formats from Letter up to 14.3" x 29.5" (36.4 x 75 cm)</li></ul>
<b>Paper exit tray</b>	Tray able to handle a paper pile: <ul style="list-style-type: none"><li>- Up to 5.9" (15 cm) approximately 1,250 sheets at 135 g/m<sup>2</sup></li><li>- Approximately 1,250 sheets at 135 g/m<sup>2</sup></li><li>- All paper formats from Letter up to 14.3" x 29.5" (36.4 x 75 cm)</li><li>- No paper extensions available</li><li>- Automatic tray full sensor</li></ul>
<b>Paper path</b>	<ul style="list-style-type: none"><li>- 100% flat paper path</li><li>- Vacuum-feed system</li><li>- Air-feed system</li><li>- Automatic double-sheet detection</li><li>- In-line LED dryer</li><li>- On-the-fly drying and curing via integrated LED dryer</li></ul>
<b>Maintenance and remote technical support</b>	<ul style="list-style-type: none"><li>- Daily maintenance completed in less than 10 minutes</li><li>- Majority of procedures are automated</li><li>- Automatic cleaning system</li><li>- From cold start to production in less than 10 minutes</li><li>- Remote troubleshooting &amp; support via included video/web camera (high-speed Internet connection required)</li></ul>
<b>Pilot panel</b>	Integrated user-friendly LCD touchscreen
<b>Options</b>	<ul style="list-style-type: none"><li>- Automatic PDF File Converter (using RIP PC-C1)</li><li>- VDP barcode scanner</li><li>- Artificial Intelligence SmartScanner® lighting for metalized substrates</li><li>- Corona Treatment System (CTS)</li><li>- Ozone filter (only available when CTS option is also fitted)</li></ul>

<b>Dimensions (L x W x H)</b>	13.19' x 3.94' x 5.91' (4.02 x 1.20 x 1.80 m) Necessary clearance: 3.3' (1 m) on all 4 sides
<b>Weight</b>	± 2,355 lbs (1,068 kg)
<b>Electrical requirements</b>	- For USA/Canada only: 7.5 kW (30A) at 208-240 Volts 50/60 Hz - 2 Nema plugs L6-30P (30A 250V, 2P 4 Wires)
<b>Operating requirements</b>	Temperature: 64°F – 86°F (18°C – 30°C) Environment relative humidity: 30 – 50% (no condensation) Optimum: 72°F (22°C), 40% humidity
<b>Average yearly duty cycle</b>	±600,000 pages in 14.3" x 20.1" format
<b>Respecting the environment</b>	<ul style="list-style-type: none"><li>- Eliminates resource waste (wasted electricity, paper and varnish)</li><li>- No plates (offset) or screens (screen printing)</li><li>- No cleanup or preparation between jobs</li><li>- Drastic reduction in consumables and use of bulk packaging</li><li>- Coating without volatile solvent</li></ul>

## iFOIL ONE (OPTION)

<b>Formats</b>	Min.: 8" x 11.8" (21 x 29.7 cm) Max.: 14.3" x 29.5" (36.4 x 75 cm) When using the latest upgrade kit Exit Motor Roller V4
<b>Supported varnish thickness</b>	Min.: 36 µm Max.: 116 µm
<b>Substrate types</b>	<ul style="list-style-type: none"><li>- Coated paper (best)</li><li>- Matte or gloss laminated surfaces</li><li>- Surfaces with or without aqueous coating</li><li>- Surfaces with or without lamination film</li><li>- Layered paper</li></ul>
<b>Average foiling speed</b>	30 meter per minute
<b>Number of areas per sheet</b>	Up to 3 stamp areas per SRA3 sheet Up to 5 stamp areas per 29.5" sheet (minimum separation distance 3.9")
<b>Foil specifications</b>	<ul style="list-style-type: none"><li>- Standard foil core: 1 inch (braking system)</li><li>- Foil length: Max. 400 m (do not exceed)</li><li>- Foil width (roll width): Min. &amp; Max. 320 mm</li></ul>
<b>Foil processing temperature</b>	230°F (110°C) is the default setting for M Series Foils Min.: 176°F (80°C) Max.: 266°F (130°C)
<b>Paper exit tray</b>	AccurioShine 3600 paper exit tray (PET) will be refitted to iFoil One upon installation Max. height: 5.9" (15 cm) approximately 1,250 sheets at 135 g/m <sup>2</sup>
<b>Interface</b>	Easy-to-use settings through JVTI software
<b>Footprint (iFoil One alone)</b>	Length: 4.5' (138 cm) with PET: 6' (183 cm) Width: 4.1' (124 cm) Weight: 1111.13 lbs (504 kg)
<b>Electrical requirements</b>	2 plugs CEE 17 IP44 32A (32A 250V, 1P+N+PE)

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



KONICA MINOLTA

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