



KONICA MINOLTA

AccurioShine  
3600

# LUXURY AT YOUR FINGERTIPS

RETHINK 3D GLOSS & FOIL WITH  
DIGITAL SPOT UV COATING



Giving Shape to Ideas

# TECHNICAL SPECIFICATIONS

## AccurioShine 3600

<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>	<p>Depending on your file, the inks used and the type of surface of your sheet, the coating thickness can vary</p> <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>	<p>Min.: 21 x 29.7 cm (8" x 11.8")</p> <p>Max.: 36.4 x 75 cm (14.3" x 29.5")</p> <p>Max. printable width: 35.2 cm (13.9")</p>
<b>Substrate thickness</b>	<p>Min.: 135 g/m<sup>2</sup> and not less than 150 µm before printing and lamination</p> <p>Max.: 450 g/m<sup>2</sup> and not more than 450 µm before printing and lamination</p> <p>Motorized height-adjustment printheads</p>
<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 litres (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 ± 28 cm (11") approximately 2,250 sheets at 135 g/m<sup>2</sup></li> <li>- All paper formats from A4 up to 36.4 x 75 cm (14.3" x 29.5")</li> </ul>
<b>Paper exit tray</b>	<p>Tray able to handle a paper pile:</p> <ul style="list-style-type: none"> <li>- Up to 15 cm (5.9") 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 36.4 x 75 cm (14.3" x 29.5")</li> <li>- No paper extensions available</li> <li>- Automatic tray full sensor</li> </ul>

## iFoil One (Option)

<b>Formats</b>	<p>Min.: 21 x 29.7 cm (8" x 11.8")</p> <p>Max.: 36.4 x 75 cm (14.3" x 29.5")</p> <p>When using the latest upgrade kit Exit Motor Roller V4</p>
<b>Supported varnish thickness</b>	<p>Min.: 36 µm</p> <p>Max.: 116 µm</p>
<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>	<p>Up to 3 stamp areas per SRA3 sheet</p> <p>Up to 5 stamp areas per 75 cm sheet (minimum separation distance 10 cm)</p>
<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>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>- iFoil One</li> <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>	<p>4.02 x 1.20 x 1.80 m (13.19' x 3.94' x 5.91')</p> <p>Necessary clearance: 1 m (3.3') on all 4 sides</p>
<b>Weight</b>	± 1,068 kg (2,355 lb)
<b>Electrical requirements</b>	<ul style="list-style-type: none"> <li>- 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)</li> <li>- 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)</li> </ul>
<b>Operating requirements</b>	<p>Temperature: 18°C – 30°C (64°F – 86°F)</p> <p>Environment relative humidity: 30 – 50% (no condensation)</p> <p>Optimum: 22°C (72°F), 40% humidity</p>
<b>Average yearly duty cycle</b>	±600,000 pages in 36 x 52 cm 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>

<b>Foil processing temperature</b>	<p>110°C is the default setting for M Series Foils</p> <p>Min.: 80°C</p> <p>Max.: 130°C</p>
<b>Paper exit tray</b>	<p>AccurioShine 3600 paper exit tray (PET) will be refitted to iFoil One upon installation</p> <p>Max. height: 15 cm (5.9") approximately 1,250 sheets at 135 g/m<sup>2</sup></p>
<b>Interface</b>	Easy-to-use settings through JVTI software
<b>Footprint (iFoil One alone)</b>	<p>Length: 138 cm (with PET: 183 cm)</p> <p>Width: 124 cm</p> <p>Weight: 504 kg</p>
<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

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