TECHNICAL SPECIFICATIONS

AccurioShine 3600

Printing technology	– 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
Coating thickness	Depending on your file, the inks used and the type of surface of your sheet, the coating thickness can vary – 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)
Production speed	– 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)
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
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")
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
Substrates	– 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
UV coatings and capacity	10 litres (2.6 gal.) tank capacity
High-capacity automatic paper feeder	– Vacuum belt feeding system – Able to handle a paper pile up to ± 28 cm (11") approximately 2,250 sheets at 135 g/m^2 – All paper formats from A4 up to 36.4 x 75 cm (14.3" x 29.5")
Paper exit tray	Tray able to handle a paper pile: – Up to 15 cm (5.9") approximately 1,250 sheets at 135 g/m^2 – Approximately 1,250 sheets at 135 g/m^2 – 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

Paper path	– 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
Maintenance and remote technical support	– 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)
Pilot panel	Integrated user-friendly LCD touchscreen
Options	– iFoil One – 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)
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
Weight	± 1,068 kg (2,355 lb)
Electrical requirements	– 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)
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
Average yearly duty cycle	±600,000 pages in 36 x 52 cm format
Respecting the environment	– 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

iFoil One (Option)

Formats	Min.: 21 x 29.7 cm (8" x 11.8") Max.: 36.4 x 75 cm (14.3" x 29.5") When using the latest upgrade kit Exit Motor Roller V4
Supported varnish thickness	Min.: 36 µm Max.: 116 µm
Substrate types	– Coated paper (best) – Matte or gloss laminated surfaces – Surfaces with or without aqueous coating – Surfaces with or without lamination film – Layered paper
Average foiling speed	30 meter per minute
Number of areas per sheet	Up to 3 stamp areas per SRA3 sheet Up to 5 stamp areas per 75 cm sheet (minimum separation distance 10 cm)
Foil specifications	– Standard foil core: 1 inch (braking system) – Foil length: Max. 400 m (do not exceed) – Foil width (roll width): Min. & Max. 320 mm

Foil processing temperature	110°C is the default setting for M Series Foils Min.: 80°C Max.: 130°C
Paper exit tray	AccurioShine 3600 paper exit tray (PET) will be refitted to iFoil One upon installation Max. height: 15 cm (5.9") approximately 1,250 sheets at 135 g/m^2
Interface	Easy-to-use settings through JVTI software
Footprint (iFoil One alone)	Length: 138 cm (with PET: 183 cm) Width: 124 cm Weight: 504 kg
Electrical requirements	2 plugs CEE 17 IP44 32A (32A 250V, 1P+N+PE)

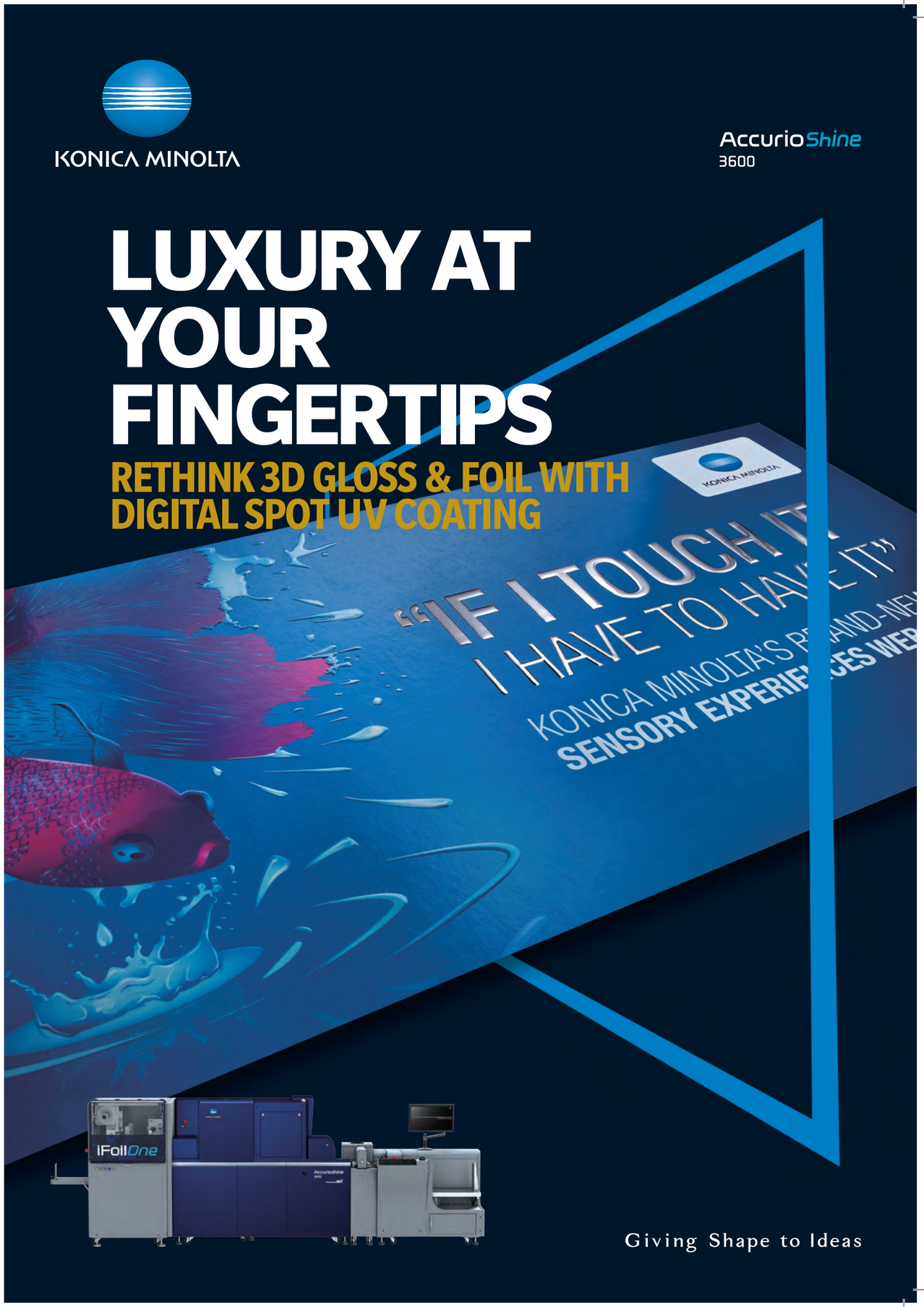
The default sheet format is A3, unless otherwise stated:
1) with an additional option installed
2) speed will vary according to printing parameter used
3) confirm substrate/toner compatibility with Konica Minolta

KONICA MINOLTA

For complete information on Konica Minolta products and solutions please visit:

Konica Minolta BusinessSolutions Australia Pty Ltd

Free call 1800 789 389
konicaminolta.com.au/home



EVERYTHING YOU NEED AND MORE

PACKED WITH INTUITIVE FEATURES DESIGNED TO OPTIMISE YOUR WORKFLOW

ECO-FRIENDLY IN-LINE LED DRYER

- On-the-fly drying and curing with integrated LEDs
- No additional drying time required
- Ozone-free and without heat thanks to LED technology
- Low power consumption

iFOIL ONE OPTION

- Industry-first fully digital variable data foiling
- Superior adhesion using hot foil stamping technique
- 2D and 3D embossed effects
- Compact in-line system

PAPER OUTPUT TRAY

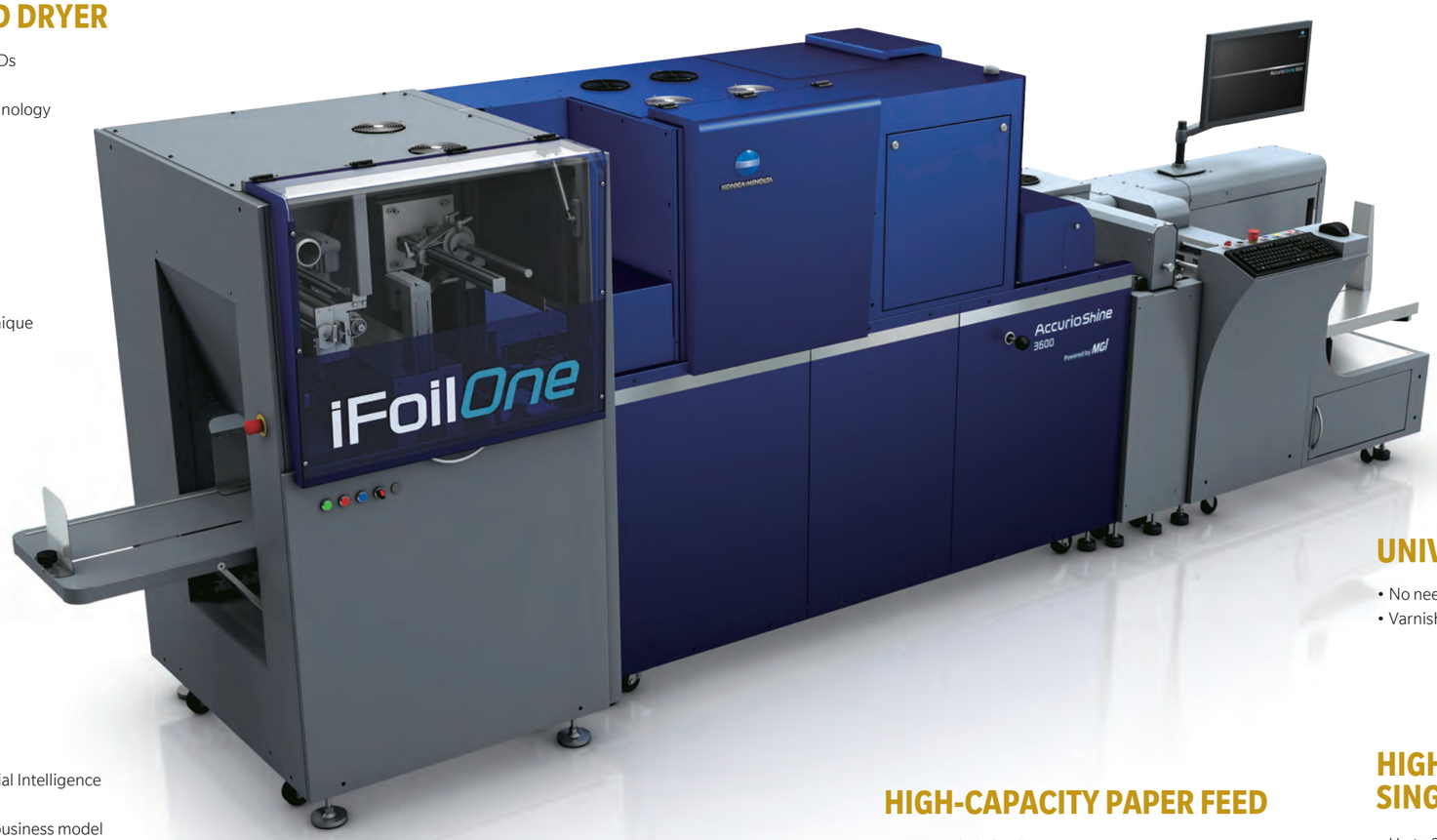
- Up to 1,250 sheets at 135 gsm
- Accepts paper formats from Letter up to 36.4 x 75 cm (14.3" x 19.5")

VARNISH DIGITAL AND OFFSET PRINTS

- Varnishing on toner without lamination
- Varnishing on offset prints
- Accurate sheet-to-sheet registration with Artificial Intelligence SmartScanner® technology
- Quick and easy setup supports digital printing business model

VARIABLE VARNISH THICKNESS

- Can be adapted to individual customer needs
- Maximum 3D effect: up to 116 µm
- Minimum thickness (on laminated surfaces): from 21 µm



ARTIFICIAL INTELLIGENCE SMARTSCANNER®

- Full page scanner
- No crop marks required
- Coating registration from sheet-to-sheet
- On-the-fly skew, shift, contraction and stretch adjustment
- Optional lighting for metalized substrates

PROPRIETARY INKJET TECHNOLOGY

- Exclusive inkjet technology from MGI
- Uses our genuine piezoelectric printheads
- Flexible printing architecture

CORONA TREATMENT SYSTEM (CTS) OPTION

- Optional in-line system enables a broader variety of media to be used such as a wider variety of plastics
- Improves varnish adhesion and maximises embellishment quality on digital prints
- Optional ozone filter cabinet

POWERFUL SOFTWARE SUITE

- On-the-fly job manager
- Workstation image editor
- Catalogue of different patterns
- Job cost calculator that estimates production costs before quoting jobs
- Intuitive operation
- Eliminates customer prepress issues
- Saves time and money

VARIABLE DATA PRINTING (VDP)

- For variable data printing (text/graphic and image) on 2D/3D spot coating areas
- Optional VDP barcode scanner available

UNIVERSAL VARNISH

- No need to change varnish or clean between jobs
- Varnish comes in a 10-litre tank

HIGH-CAPACITY PAPER FEED

- Vacuum belt feeding system
- Handles paper pile up to approximately 2,250 sheets at 135 gsm
- Accepts paper formats from Letter up to 36.4 x 75 cm (14.3" x 19.5")

HIGH-PRODUCTIVITY WITH SINGLE-PASS PRINTING

- Up to 2,077 A3 sheets per hour with varnish thickness of 21 µm (2D/flat mode)
- 1,260 A3 sheets per hour with varnish thickness of 51 µm (3D mode)
- Up to 547 A3 sheets per hour with varnish thickness of 116 µm (3D mode)