# fascin8tor

Gandy re-invents the UV Roll to Roll and brings innovation to reality, introducing the all new Fascin8tor UV Roll to Roll printer giving high quality prints never achieved before at dramatically increased speeds.

The Fascin8tor is the new development based on the tried and true technology from the Pred8tor and Domin8tor which have been coming off the production line at Gandy Digital's factory in Canada for over 4 years. The Fascin8tor will have the same high resolution, giving exceptional value that just got better with the Roll to Roll introduction.

The new Fascin8tor comes with 3 main options. The first offering 4 color and white, the second giving smooth 6 color (CMYK&LM&LC) quality plus double white solving the white density hurdle. Or double CMYK for twice the speed making the Fascin8tor the fastest printer in its category topping 240sqm. We guarantee that you will be surprised with the quality of the samples printed at 240sqm

The Fascin8tor is a True Roll to Roll UV printer with a vacuum top print plate allowing the ability to print many materials and achieve high quality results. The Fascin8tor also comes in 2 print width sizes. The Fascin8tor 3300 has a print width of 3.3m (10ft 10in) and the Fascin8tor 5000 has a print width of 5m (16ft 5in). The Fascin8tor has a heavy industrial design to handle hours of printing without any interruptions.

Print quality and speed on the Fascin8tor is driven by the inline 'Blade' print head configuration system, printing 25.4cm (10 inch) wide swath using 6-picoliter variable dot Ricoh print heads. This system eliminates head to head alignment and gives incredible sharp images.

The Fascin8tor using the blade system allows from 4 to 8 blades to print with accuracy either with higher quality smoother photographic images or with dramatically higher speeds. The Fascin8tor also gives great flexibility that allows you to start with a 4 color system and upgrade easily to 6 color or double speed. Call us to discuss all the options.

You can easily print materials with different thicknesses as the head height adjusts automatically without the need to manually check it (maximum media thickness 50mm / 2").

The new 'layered' printing option makes printing multi-layered colored images and white, simple with a onetime setup and print process. Now you can do backlit images sandwiching white or doubled sided banners with white and black sandwiched between images.

Cleaning is much easier with the fully automated built-in head blotting system, no need to wipe by hand.

Operation of the Fascin8tor is simple with Gandy Digital's own touch and drag GUI (Graphical User Interface). This is a true mobile operation device enabling step and repeat, rotate, delete ripped images, create jobs allowing interactive trouble shooting via online diagnostic. Profiles and software can also be updated with the online system.

Gandy Digital has a Crash sensor available on the Fascin8tor that truely protects printheads not only against large objects but also against film that can get under the printhead carriage. This option is a true working innovation. You can also get a Static bar to eliminate static allowing smoother prints even if the weather is not the most favorable.
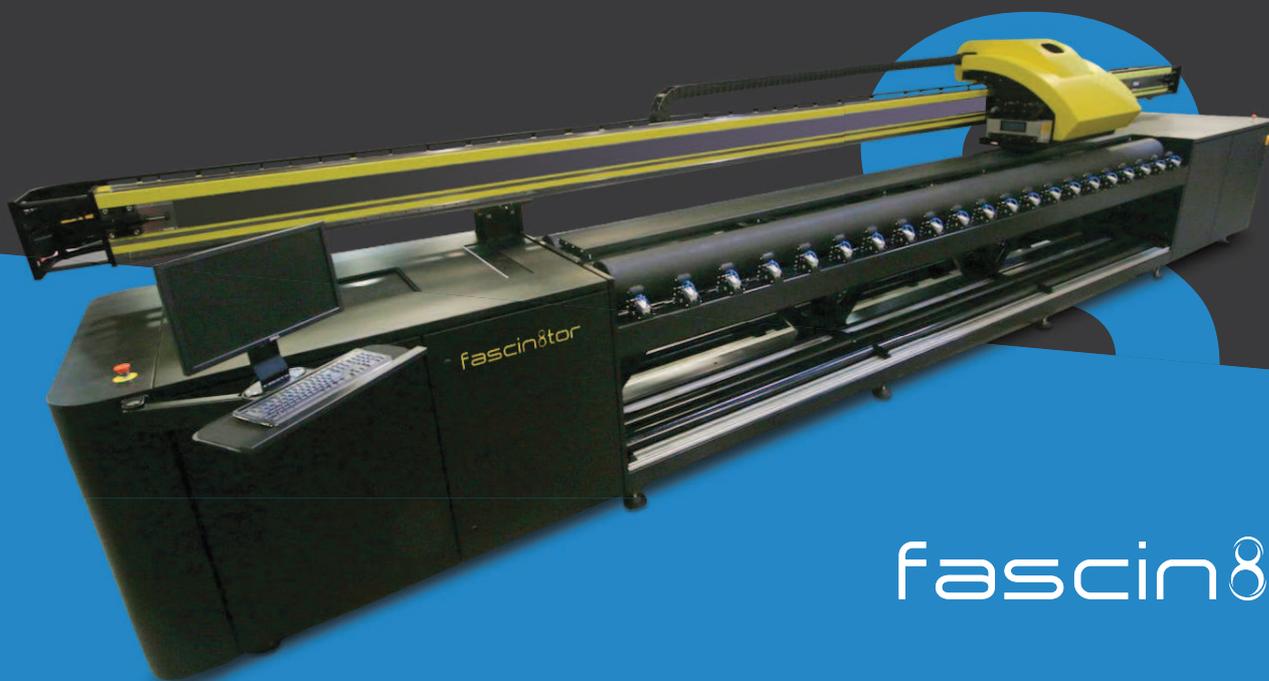
The Fascin8tor options include slitters and even a sheeter allowing to slit and sheet so no extra work after the printing process. The Fascin8tor also comes with a Multi Roll option where you can print different roll widths securely at the same time giving the same high quality results at high speeds.

Gandy Digital has innovated a UV ink that gives excellent adhesion to many plastics including polyethylene films. And on top of that ink usage is minimum making your production costs the lowest with the Fascin8tor.

Gandy Digital's Fascin8tor is the most advanced and groundbreaking Grand Format Digital Printer in the industry today.

We are the leader of innovative digital printing technology and have a proven track record.

See for yourself and book a demo with one of our representatives or visit www.GandyDigital.com for more details.



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# SPECIFICATIONS

**Gandy Digital**
design·develop·produce

## 5000

### Dimensions

| | 5000 |
|---|---|
| Length | 9315 mm |
| Width | 1395 mm |
| Height | 2033 mm |
| Weight uncrated | 6000KG |
| Weight crated | 7200Kg |
| Footprint | - |
| Crate sizes | L= 9670 mm x H=2390 mm x W= 1640 mm |

### User Interface

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|---|---|
| Server / connection | Available for mobile connection allows printer control and trouble shooting diagnostics |
| Operating systems | RIP Files can be sent from Windows or Macintosh |

### Printing Technology

| | |
|---|---|
| Printheads | Ricoh 6 Picoliter, variable dot giving sharp photographic images at 1200dpi quality + 2400 perceived quality |
| Color configuration | Double CMYK/ CMYK+Lc+Lm+2*W/ CMYK+Lc+Lm+W+Varnish |
| Cleaning | Automated printhead cleaning to achieve continuous quality printing |

### Media

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|---|---|
| Print size | 5m |
| Substrate thickness | Up to 40mm |
| Handling | Roll to roll, multi-roll, freefall, Optional flatbed |
| Types of material | PE polyethylene, PVC banner, SAV self adhesive vinyl, Paper, Mesh, Textiles, Blue back paper, Carpets, Synthetic paper, Tyvek, Spiniker, Wallpaper, One-way |
| Rigid media support | Foam PVC, acrylic, aluminium, foam board, glass, wood, Dibond |

### Inks and Curing

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|---|---|
| Inks | LED or UV ink are available |
| Curing | 42cm(16") JetCure lamp with variable power setting (10%-90%) Tack free immediatly after printing for stacking/Rolling |
| Ink Delivery System | Ink cartridges for easy instalation without contamination |
| Durability | Up to 5 years indoors (depending on environment)/ Up to 2 years outdoores ( depending on location) |

### Safety

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|---|---|
| Standards approved | CE for Europe, ESA for North America |
| Crash sensor (optional) | Unit installed on both sides of print carriage to prevent materials to go under and damage printheads |

### Rip (obtained by customer)

| | |
|---|---|
| RIP Server | Computer hardware obtained by customer, specification available |
| RIP Software | CALDERA / Ergosoft/ Onyx/ Wasatch |
| File formats | EPS, PS, TIFF, PDF, JPEG, etc. |

### Requirements (Customer to arrange before setup)

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|---|---|
| Power | 400 VAC, 30 KW, 3-phase with neutral and PE (GND) 50 / 60 Hz |
| Air | Compressed air 100 psi (7-10 bar) at 1.76 SCFM (0.05 m3/min) |
| Network | 100/1000 Ethernet link with internet access |

### Room Environment (for optimum performance)

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|---|---|
| Room temperature | 20-30 °C / 68-86° ambient |
| Room humidity | 45-65% non-condensing humidity |
| Air Flow | Direct airflow is not recommended. Room should be dust free, closed area. |

### Additional options

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|---|---|
| X & Y cutting | Build in cutter for X & Y cutting |
| Multi-Roll | Simultanious printing of up to 3 rolls |
| Flatbed Option | Extension tables available |

### Installation, training and setup

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|---|---|
| Installation | 3-5 days to perform installation |
| Setup | Setup printer at customer site includes installation, training + operational. |
| Training | Qualified operator will be trained on operation + maintenance + color profile + RIP. |

### Warranty & Extended Service

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|---|---|
| Warranty | 12-month warranty |
| Extended warranty | 4-year extended warranty is available at extra costs. |