

# domin8tor

# PRED8TOR

**GD Gandy Digital**  
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Pred8tors and Domin8tors have been coming off the production line at Gandy Digital's factory in Canada for over 3 years. The most reliable high resolution, large format digital UV flatbed printer in the market giving exceptional value.

Gandy Digital now introduces a new Pred8tor and Domin8tor with higher quality and increased speed and more flexibility.

The Pred8tor and Domin8tor with 4 color and white combination produce ultra-high quality prints at speeds of 120 sqm (1300 sqft) for many years and now Gandy Digital introduces the Pred8tor and Domin8tor capable of 6 color (CMYK & LC & LM) producing even smoother colors with double white, or you can have double 4 color, CMYK, with dramatically increased speed.

The Pred8tor and Domin8tor are True UV flatbed printers with a vacuum table. The Pred8tor print size is 1.22 m (4 ft) X 2.44 m (8 ft) and the Domin8tor print size is 2 m (6 ft 6 in) X 3.05 m (10 ft). The Pred8tor comes with a 2.44 m (8 ft) wide roll-to-roll option that achieves the same print quality without compromising true flatbed capability.

Print quality and speed on the Pred8tor and Domin8tor are driven by the inline 'Blade' print head configuration system, printing 25.4 cm (10 inch) wide swath using 6-picoliter variable dot Ricoh print heads. This system eliminates head to head alignment and gives incredible sharp images.

You can easily print materials with different thicknesses as the head height adjusts automatically without the need to manually check it (maximum media thickness 50 mm / 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 Pred8tor and Domin8tor are 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 introduced a Crash sensor that truly protects printheads not only against large objects but also against film that can get under the printhead carriage. This option is a true innovation.

Gandy Digital has innovated a UV ink that gives excellent adhesion to many plastics including acrylic. And on top of that ink usage is minimum making your production costs the lowest with the Pred8tor and Domin8tor.

Gandy Digital's Pred8tor and Domin8tor are 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](http://www.GandyDigital.com) for more details.

# 8tor



Roll to roll only available on Pred8tor

# TECHNICAL DATA

## Dimensions

	<b>PRED8TOR</b>	<b>DOMIN8TOR</b>
Width	6.2 m (244 in)	6.6 m (260 in)
Depth	3.05 m (120 in) including roll-to-roll , 2.08 m (82 in) excluding roll-to-roll	2.8 m (110 in)
Height	1.68 m (66 in)	1.72 m (68 in)
Weight uncrated	3000kg (6600lbs) (rewind unit 900kg 2000lbs)	3400kg (7500lbs)
Weight crated	4000Kg (8800lbs)(rewind unit 1125Kg 2500lbs)	4700Kg (10500lbs)
Footprint	(L)6.2m X (D)3.2m X (H)1.68m (244in X 120in X 66in)	(L)6.6m X (D)4.1m X (H)1.72m (260in X 164in X 68in)
Crate sizes	(L)6.5m X (D)2.25m X (H)2.19m (256in X 89in X 86in)	(L)6.9m X (D)2.25m X (H) 2.19m (272in X 89in X 86in)
Crate sizes (RTR unit)	(L)3.25 X (D) 1.83m X (H)1.22m (128in X 72in X 48in)	None

## User Interface

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	From 4 to 8 colors with many combinations; here are some popular: CMYK+W, CMYK+Lc+Im+W+Varnish, CMYK+Lc+Lm+2*W, or CMYK*2 (for double speed)
Cleaning	Automated printhead cleaning to achieve continuous quality printing

## Media

Print size rigid	2.44mX1.22m (96inX48in)	2mX3.05m (79inX120in)
Roll width + Roll Diameter	Width - 2.44m (96in), diameter 40cm (16in)	None
Substrate thickness	Rigid - 50mm (2in); Roll to Roll flexible substrate 400gsm (32g)	
Load/Unload	Manual loading is standard, Auto Load/Unload is available as option	
Types of material	A wide variety of rigid + flexible materials from plastics to metal to glass + many more	

## Inks and Curing

Inks	LED or UV ink are available
Curing	Led or UV 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 outdoor ( depending on location)

## Safety

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

## Print modes + speed

Print modes + speeds	4+6 color - Solid dark background colors - 35 sqm/ Quality (for most prints) - 53 sqm/ Production Quality ( images busier + less solid color) - 107 sqm/ <small>NOTE: Above speeds are based on Domin8tor (2m X 3.05m/ 6'6" X 10') printing full table. Pred8tor (1.22m X 2.44m/ 4ft X 8ft) print speeds are about 15% less than above. 2 X CMYK are approximately double the above speeds"</small>
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## Rip (obtained by customer)

RIP Server	Computer hardware obtained by customer, specification available
RIP Software	Pred8tor+Domin8tor compatible with ERGOSOFT, CALDERA and ONYX Rips

## Requirements (Customer to arrange before setup)

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)

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

Roll-to-roll option	2.43 m (8 ft) flexible material roll feeder + uptake to print on flatbed surface	None
Automated loader/unloader	Automated loader/unloader available as additional option	

## Installation, training and setup

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

Warranty	12-month warranty on parts included with printer
Extended warranty	4-year extended warranty is available at extra costs. It includes labor free of charges from day one Parts will be discounted after first year warranty expires