

gladi8tor

GD Gandy Digital
design · develop · produce

Gandy once again brings innovation to reality, introducing the all new Gladi8tor UV flatbed printer with increased quality or dramatic increase in speed and more options.

The Gladi8tor is Gandy's new development based on its predecessors, the Pred8tor and Domin8tor which have been coming off the production line at Gandy Digital's factory in Canada for over 4 years. The most reliable high resolution, large format digital UV flatbed printer in the market giving exceptional value that just got better with the introduction of the Gladi8tor.

The new Gladi8tor comes with 2 main options. The first offering smooth 6 color (CMYK&LM&LC) quality plus double white solving the white density hurdle. Or double CMYK for twice the speed making the Gladi8tor 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 Gladi8tor like the Pred8tor and Domin8tor is a True UV flatbed printer with a vacuum table. The Gladi8tor comes in 2 print sizes. The Gladi8tor 1224 has a print size of 1.22m (4ft) X 2.44m (8ft) and the Gladi8tor 2030 has a print size of 2m (6ft6in) X 3.05m (10ft). The Gladi8tor 1224 also comes with a 2.44m (8ft) wide roll-to-roll option that achieves the same print quality without compromising true flatbed capability.

Print quality and speed on the Gladi8tor 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 Gladi8tor using the blade system allows 8 blades to print with accuracy either with higher quality smoother photographic images or with dramatically higher speeds. The Gladi8tor 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 Gladi8tor 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.

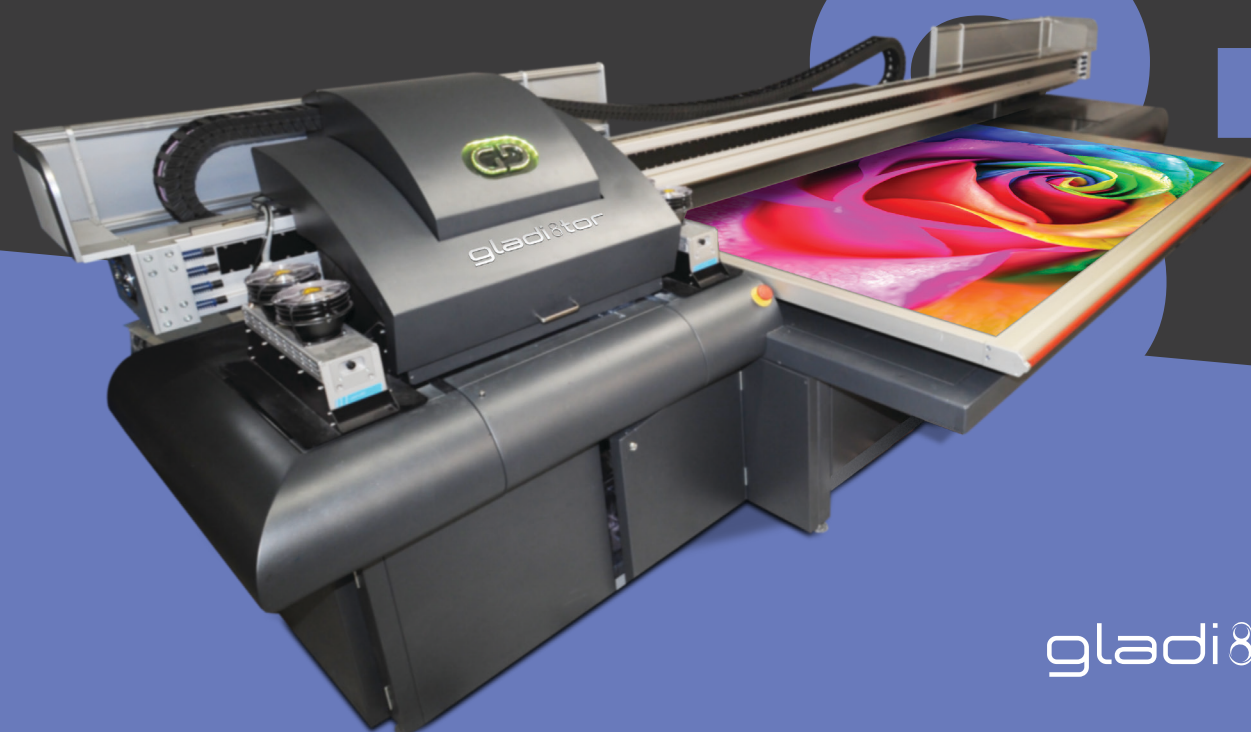
Gandy Digital has a Crash sensor available on the Gladi8tor that truly protects printheads not only against large objects but also against film that can get under the printhead carriage. This option is a true working innovation.

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 Gladi8tor.

Gandy Digital's Gladi8tor 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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TECHNICAL DATA

Dimensions

	1224	2030
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	Double CMYK/ CMYK+Lc+Lm+2*W/ CMYK+Lc+Lm+W+Varnish
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	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

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	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