



Gerber CAT UV

The Gerber CAT UV is a line wide-format, cationic UV, outdoor-durable inkjet printer from Gerber that prints at a higher resolution for sharper, more vibrant output. A true flatbed printer with additional roll-to-roll capability, the Gerber CAT UV produces vivid, flexible, outdoor-durable graphics that are immediately usable. Its advanced GerberCAT™ inks and Cold Fire Cure™ technology are compatible with a wide range of flexible and rigid materials.

Feature	Benefit
High resolution printing	<ul style="list-style-type: none"> ◆ Produces high quality prints up to 1058 x 720 dpi.
GerberCAT™ cationic inks	<ul style="list-style-type: none"> ◆ Superior adhesion and scratch resistance ◆ Vibrant color gamut
Cold Fire Cure™ technology	<ul style="list-style-type: none"> ◆ Prints on the widest array of materials ◆ Lower operational costs vs. mercury vapor lamps
Environmentally friendly	<ul style="list-style-type: none"> ◆ No VOC's, no odors, and no environmental ozone
Expanded color gamut	<ul style="list-style-type: none"> ◆ Produces intense Reds, Greens, and Blues for noticeably more vibrant full color prints
Durable output	<ul style="list-style-type: none"> ◆ Up to 3 years outdoors without lamination (Provided certain conditions are met)
True flatbed configuration	<ul style="list-style-type: none"> ◆ True flat bed accuracy and registration vs. belt feed systems. ◆ Unattended operation and ease of use.
Wide throat	<ul style="list-style-type: none"> ◆ Can accommodate materials as wide as 64" (162cm) and up to 1" thick (25mm)
User-selectable print modes	<ul style="list-style-type: none"> ◆ 11 print modes to customize your printing output between speed and resolution *** (subject to change)
Quick change material system	<ul style="list-style-type: none"> ◆ Changeover from flat stock to ridged with the push of a button.
Driven by Onyx®, ErgoSoft™, SAI™, Cadlink™ and Wasatch™. and other software products	<ul style="list-style-type: none"> ◆ Interfaces with the most widely used graphic software programs in the world.
Intuitive user interface	<ul style="list-style-type: none"> ◆ Easy for your staff to learn and operate

Specifications

	Gerber CAT UV
Resolution	<ul style="list-style-type: none"> ◆ 635 x 360 dpi. ◆ 635 x 720 dpi. ◆ 1058 x 720 dpi.
Max Printing Width (Flat material)	With roll-to-Roll - 64" x 120" (162cm x 305cm) Without roll-to-Roll - 64" x 100" (162cm x 254cm)
Max Printing Width (Roll material)	63" (160cm)
Max Material Thickness	1" (25mm) thick
Overall Size	104" (W) x 148" (L) x 52" (H) (264cm x 376cm x 132cm)
Print Head	14 pL
Print Throughput	11 User-selectable print modes***
Curing Technology	Cold Fire Cure™ low energy curing, patent pending
Inkset	GerberCat™ Cationic UV Inks – bulk; 1 liter pouch
Colors	4 colors: Vibrant C, M, Y, K
Drying Method	Dual Cold Fire Cure UV lamps
Communication Port	Ethernet TCP/IP
Power Range	230/240 VAC, 50/60 Hz, 20 A, single phase
Operating Temperature	65-75°F (18.5-23.5°C)
Operating Humidity	20-60% RH (Non condensing) Note: Take precautions against static electricity effects at lower humidity.
Venting	No special ventilation required

Performance Properties	Traditional Free Radical UV Ink	GerberCat™ Cationic Ink
Cure Energy Required	High	Low
Adhesion	Good	Excellent
Flexibility	Poor	Fair
Chemical Resistance	OK	Good
Hardness/Gloss	OK	Good
Opacity	Good	Excellent
Environmental Resistance	Good	Excellent

Printable Materials

The Gerber CAT UV will print on many rigid and flexible substrates. The rigid material just has to meet the size limitations of less than 1" (25.4mm) thick and 64" (162.6cm) wide. The following list of commonly used rigid materials is not all-encompassing; you may have success with other materials not listed here.

- PVC
- Foam Board (expanded and primed polyurethane)
- Polycarbonate
- Corrugated plastic
- Painted aluminum
- Acrylic
- Styrene
- Mesh (lined)
- Glass
- Window Film
- Paper
- Banner
- Backlit
- Corrugated folding carton
- Textile (canvas, flag)
- Vinyl
- Reflective vinyl
- Chipboard/cardboard
- Cabinet-grade plywood

**Due to the wide range of supported materials, you should always test print on a material to determine if abrasion and adhesion resistance meet your expectation.

***Print Modes & Print Speeds subject to change at anytime.

©2010 Gerber Scientific, Inc. All Right Reserved
7162010