

## BrotherJet **BR-U1800** A3 desktop uv led flatbed printer

### Features

- Printing size: 11"\*24" (280\*600mm).
- High resolution: 5760\*1440DPI.
- Printable substrates up to 15cm thickness.
- Directly printing on dark color materials.
- It can print White and color inks outputs simultaneously in one pass.
- Direct printing on various materials.
- Low cost customized gifts printing.
- 3D embossing printing and glossy varnish printing.
- Indoor and outdoor strong color durability , scratch, water and sunshine proof.
- 8-chamber print head (YMCKWWWW, or YMCKVWW) 180 nozzles/chamber
- UV LED Curing system with water chiller.
- Automatic materials height adjustment reduce print head strikes.
- BR UVD4 UV curing ink is applicable for most of the materials to more.



UV LED inkjet printing system does not have to be very expensive and big size. BrotherJet Inkjet UV LED flatbed printers have breakthrough in technology in terms of sizes, cost and durability, more and more ordinaries can own it to bloom their business. BrotherJet launched the smallest A3 desktop UV LED printer with the advanced BRUVD4 UV curing inks which is refillable with CISS ink systems in lowest production cost. Utilizing the BrotherJet RIP and optional ArtisRIP, you can print the dark world by opaque white ink and vibrant, full color images. Omnipotent UV led ink offers unlimited printing possibilities of varietal materials covering from: Metal, wood, plastic, acrylic, ABS, bamboo, aluminum, ceramic tiles, glass and to more and more.

### Lighting features:

- Photo printing quality. Equipped with EPSON printer head DX5 ,the BR UV direct printing system realize the real photo printing quality with 2880\*1440DPI. It has the highest resolution and most exquisite performance. Nothing less than Mimaki-UJF-3042 or Roland LEF-12.
- Touchable colors: Directly print 3D texture onto any materials, Like acrylic, plastic phone case, ABS, PVC, wood, ceramic, tile, leather, metal, glass, paper, board,ect.. Not only read the color but feel the color by fingers.
- Ideal printing process: White and color printing simultaneously and seamlessly.
- Anything to print: Compatible for hard rigid substrates and flexible materials without cracking.
- Whatever you see, whatever you print: C,M,Y,K four colors produces all colors and gradients of real picture.
- Unbelievable Low ink cost: refillable CISS ink system saving more than 50% ink cost.
- LED automatic substrates sensor system avoid the strikes of the printer head.
- Offer printing ready while waiting service is benefited by the instant dry during the printing.
- Permanent ink chips avoid frequent resetting.
- Easy leave: Automatic ink system cleaning by time setting prevent head clog.
- Longevous machine: Long life of UV lamp up to 10,000 working hours, advanced build quality ensure industrial continuous printing.
- Quietly working without any noise in working place.
- Glossy effect: optional varnish/ Clear printing provides glossy effect possibility.

### RIP Software:

using it, the printer will be more efficient white and color ink print, make more accurate color printing



## Printing Samples



## Specifications

Imaging Process	On-demand inkjet (Micro Piezo) 8-channel head with 180 nozzles/inch/channel
Resolution	Draft Modes1: 360 x 360, 720 x 360, 720 x 720 dpi Production Modes2: 1440 x 720, 1440 x 1440, 2880 x 1440, 5760 x 1440 dpi
Min./Max. Ink Droplet Size	1.5 picoliters / 21 picoliters alterable
Ink Colors	Y, M, C, K, K,C,M,Y (W=White)Y,M,C,K,W,W,W(W=White)Y,M,C,K,W,W,V,V (W=white, V=Varnish)
Ink Supply	CISS (Continuous Ink Supply System) built. Fill inks into ink bottles. Damper type.
Print Speed <sup>3</sup>	2.25 minutes to produce a bi-directional 8" x 10" (203mm x 254mm) image at 1440 x 1440 dpi 4 minutes to produce a bi-directional 13" x 14" (330mm x 355mm) image at 1440 x 1440 dpi 6.25 minutes to produce a bi-directional 13" x 24" (330mm x 609mm) image at 1440 x 1440 dpi
Print Direction	Uni- and Bi-Directional
Maximum Print Size	11" x 24" (280mm x 600mm)
Maximum Substrate Size	13" x 26" (330mm x 650mm)
Maximum Substrate Weight	45 lbs. (20 kg); 120KGS
Z-Axis (Depth/Thickness Control)	6.6" (170mm) Automatic LED sensing technology
Media	Prints to a variety of substrates including (but not limited to) plastic, metal, wood, stone, glass, etc.
Control Panel	9-button membrane switch
Windows® Operating System	2000 Professional, NT, XP, Vista and Windows 7 (32 & 64 bit), Windows 8(32&64bit).
System Minimum Requirements	CPU of >2GHz, >4GB RAM, 40 GB free hard disk space and 2 available USB 2.0 ports
System Recommendations	Dual-core CPU of >3GHz, 8GB RAM, 100 GB free hard disk space and 2 available USB 2.0 ports
Power Source	100-240 VAC, 50-60 Hz., 120VAC/2A, 240VAC/1A
Operating Temperature	50oF to 95oF (10oC to 35oC)
Humidity	Non-condensing 20%-80%
Machine Dimensions	Depth 900*Width 800*Height 700mm .Depth 35.4"*Weith 31.5"*Height 27.6"
Weight	260 lbs. (128kgs)
Options	BrotherJet RIP V8.23, BR ArtisRIP, BR inks and accessories