



**HIGH CLEARANCE 8'X4'  
UV-LED FLATBED PRINTER  
RICOH GEN5 PRINTHEADS**

**TECHNOLOGY SPECIFICATIONS**

- **Model:** BesJet MC2513-8H
- **Printing Size:** 8' x 4'
- **UV Device:** LED UV
- **Printheads:** Three Ricoh Gen5 on-demand piezo heads (Field-upgradable to eight in staggered configuration)
- **Printing Speed:**
  - **High Speed Mode:** 175 sq.ft/hr
  - **Standard Mode:** 116 sq.ft/hr
  - **High Quality Mode:** 85 sq.ft/hr
- **Ink Type:** UV curable ink in liter bottles
- **Available Ink Colors:** Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, White, Varnish, Primer
- **Printing Mode:** Uni-direction and bi-direction
- **Media Handling:**
  - **Height:** 3 3/4" Upgradeable for 10"
  - **Weight:** <= 220 lbs
  - **Table:** Sectional vacuum table
- **Printable Media:** Glass, aluminum, plastic board, wood, polystyrene board, leather, polyurethane, foam board, plastic sheet, metal sheet, textile, wallpaper, bricks, ceramic tiles and many more
- **RIP Solution:** Onyx / Photoprint / Ultraprint
- **File Format:** tiff, jpeg, postscript3, eps, pdf and more
- **Color Management:** ICC based color curves and density adjustment function
- **Interface:** USB3.0
- **Dimensions:** 100" x 85" x 50"
- **Net Weight:** 1700 lbs
- **Warranty:** One year (exclude consumables, printheads, UV LED)

## Site Preparation Requirement for Installation

1. Power: 1x 220V 50Hz/60Hz single phase 30amp. Build Two wall plugs with 4ft space in between.

Note: It needs to be true 220V. In many cases electrician see 240 and 220 the same. But if your true voltage is 240, you need to get a **buck booster** to bring it down to 220V. That is important for the safety of your printer.

2. Measure voltage 220V single by voltmeter.

3. Printer footprint size:

4'X8' 169" x 90" x 50" 2900lb

4. The Crate size is :

4'x8' 173"L X 89"W X68" H 3500lb

5. Air-conditioned environment.

Temperature: (68-82.4 F); Humidity:40-60% RH

6. Computer

7. 2 Gallon Antifreeze fluid

8. Unload: Tow truck or 1 forklift with extension feet or

9. One power strip outlet. Purchase link recommended:

[https://www.amazon.com/gp/product/B0036ZE6V0/ref=od\\_aui\\_detailpages00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B0036ZE6V0/ref=od_aui_detailpages00?ie=UTF8&psc=1)

10. Strap: pull the crate to the front of truck. Purchase link recommended below:

<https://www.homedepot.com/p/Keeper-27-ft-x-2-in-x-3-333-lbs-Camo-Ratchet-47372/207097641>

If you unload by Tow truck, you don't need to buy the strap.

11. Startup Ink received.

12. Below it is the computer specs for printer.

Recommend :

Windows 10 operating system.  
Memory - Above 8G  
Hard drive - 1TB  
Processor : Intel Core i7

13. Tools and Print test materials:

Clear glass to practice on.  
White paper as large as the printer bed.  
Masking Tape  
Alcohol for cleaner  
Razor knife and blades  
The purchase of PhotoShop if you don't already have it.  
scissors, Phillips screwdriver, multi-meter

Please confirm back via email that you have everything listed above before installation.

Thanks.

BesJet Inc