

MiniFB

The flat bed unit to be suited to the application



The PeakJet Mini Flat Bed Printer is a scanning solution based on the Hewlett Packard thermal ink jet technology. The printheads carriage can host up to 4 staggered cartridges to maximize the speed and the disposable printheads guarantee the renewal of the printer every time they will be substituted and make easy to change the ink with the material to be printed.

The MiniFB is available in two sizes, A3 and A1 to easily meet the use case requirements. The great and interesting flexibility in meeting the requirements of the various possible applications is given thanks to the strong cooperation PeakJet-ThallosJet that allows to secure the cartridges for each Customer and always to properly manage them accordingly with the selected ink.

The HP45 printhead are available with a wide range of inks, developed by ThallosJet, ranging from water based to solvent to print on porous and non-porous substrate, on fabrics and cork, on eggs and biscuits, and.....
.....it's up to your needs to ask us for a custom solution that we are willing to fulfil.

The MiniFB features its own JackCube SW allowing settings and maintenance operations in guided mode and a light PeakJet RIP that can be modified or upgraded on Customers request.



MiniFB specifications*

Main features	Flatbed ink jet printer Open and visible printing area Easy user maintenance: swappable cleaning and capping station, SW guided printheads change. Convenient touch LCD screen giving info about printer status, guiding the maintenance procedure and allowing functionality tests Space saving design Shipped full assembled to be ready-to-use Available to be suited for the application
Thermal ink jet technology	From 1 to 4 HP45 genuine disposable printheads – 33 pl drop volume – 600dpi physical resolution – Firing frequency 12KHz – 0,5" print swath - 2" with 4 printheads
Printing resolution	Vertical: 600 dpi physical distance between nozzles, up to 1200 dpi by SW Printhead movement direction: up to 2400 dpi by multipass
Inks	– Black and some spot colors for porous and non-porous surfaces – Spot colors and YMCK with different properties to print on different materials
Printhead protection	Yes, with RFID
Printing area	The MiniFB is available on 2 different sizes – A3 – A1
Height detection	Laser height detection and auto "zero" positioning. Max height along Z 150mm
Quality standard	CE Standby mode reducing power consumption Sound pressure less than 48dB(A) in operation mode (ISO 7779)
Software included	JackCube Utility, Driver and Light RIP (PeakJet)
Operating system	Windows 10 - 64bit
PC	RAM 4.0 Gb – CPU min Intel i3 – HD space 1.0+ Gb
Connectivity	USB 2.0
Power supply	Auto switching internal module AC 100-240 V – 50-60 Hz – 1,2 A
Operating conditions	15 - 30°C 35 - 75 % RH non-condensing Storage: -5 to 70°C 20 – 70% RH non-condensing (printheads not on board)
Dimensions (LxWxH) and weight	A3 965 x770 x410 mm (38"x30,3"x16") – 35 Kg (77,2 lbs) In the shipping wooden box: 1070 x840 x500 mm (42"x33"x20") – 47 Kg (104 lbs) A1 1230 x805 x420 mm (48,4"x31,7"x16,5") – 46 Kg (100 lbs) In the shipping wooden box: 1397 x1219 x762 mm (55"x48"x30") – 91 Kg (200 lbs)

* Design and technical specifications subject to changes without notices