



HORNET_{D2M}



EXILE
TECHNOLOGIES

The Hornet D2M uses a revolutionary and highly-efficient approach to eliminating virtually all of the steps in the screen-making process known as Direct to Mesh (D2M). The Hornet D2M removes darkroom requirements, film positives, and emulsion coating, including the waste of water and drying time, to become the ultimate digital computer-to-screen system. With Hornet D2M, all of the common steps in screen preparation are bypassed. Because it uses a unique injectable emulsion that applies images directly to the screen, the Hornet D2M can sit next to your carousel on the production floor, and any operator can now make screens in three easy steps right at the press!

SPECIAL FEATURES

- Eliminate all dark room processes
- Eliminate consumable costs
- Improve quality and speed up “time to press”
- No emulsion, washout, drying, or film
- Up to 1,200 dpi resolution

NO Darkroom

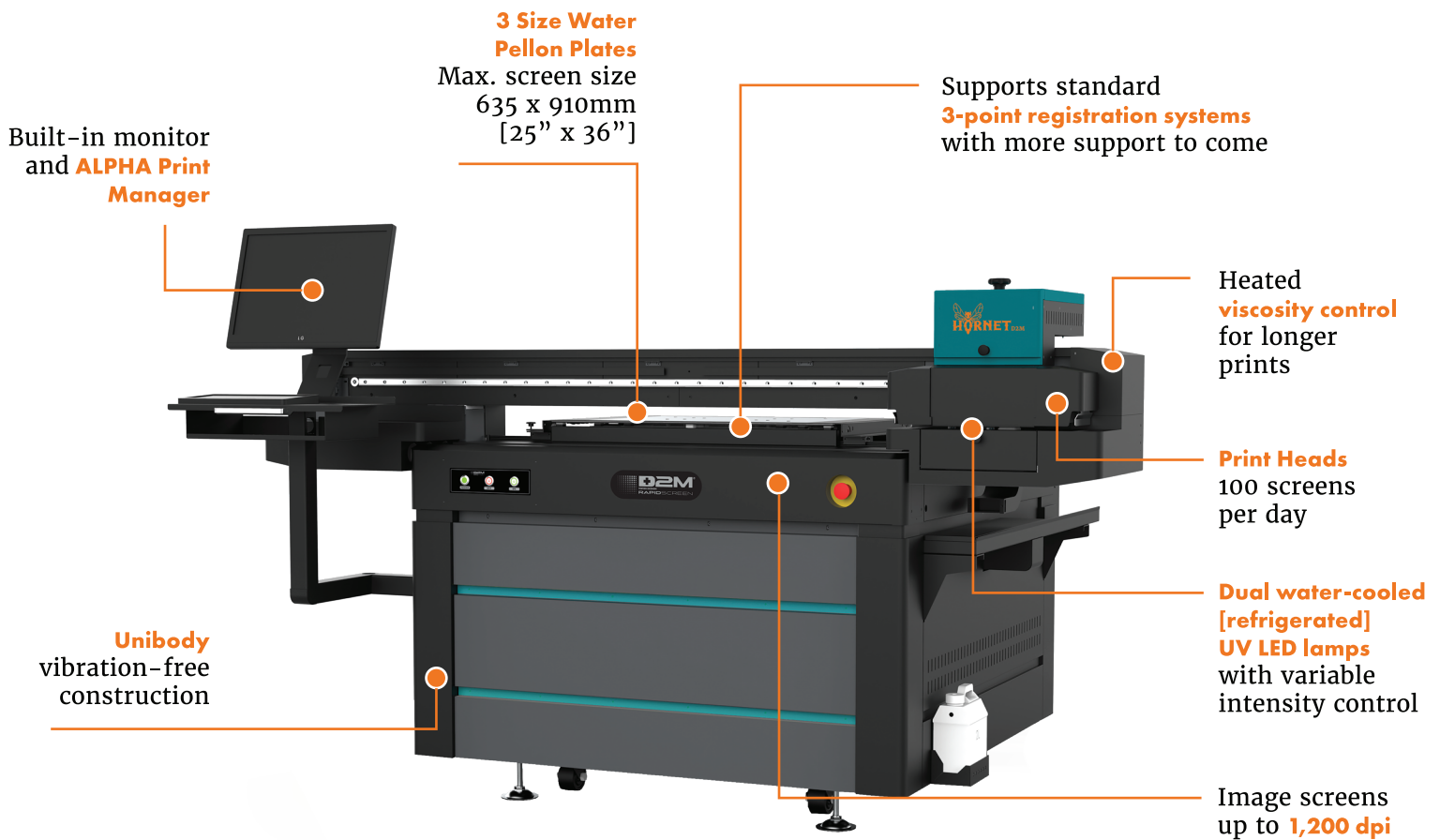
NO Drying

NO Emulsion Coating

NO Films

NO Washout

NO Exposure



Designed to work with all common screen mesh sizes and all brands of water-based, reactive, and plastisol inks.

With resolutions of up to 1,200 dpi, the Hornet D2M is pixel-sharp and tough yet flexible. Most common frame sizes up to 25" x 36" (635mm x 910mm) are supported. Screens are held in place at three registration points for imaging accuracy across multiple screens.

SPECIFICATIONS

Model	Hornet D2M
Technology	Industrial on-demand piezo printhead
Resolution	1,200 dpi
UV Curing	Dual water-cooled lamps – refrigerated
Halftone Capability	65 lpi
Imaging Speed	< 3 minutes on 23 x 31 cm screen
Power Requirements	Single-phase AC 100 – 120/200 – 240V + – 10% 50/60 Hz + – 1 Hz x 1
Power Consumption	110 V system: 0.9 kW or less, 200V system: 1.2 kW or less
Interface	USB 2.0 Hi-Speed
Operating Temperature	18 – 28° C
Operating Humidity	50 – 60%
Injectable Emulsion	Direct Print Injectable Emulsion – light purple Capacity 2 x 1000ml ink bottle with low ink alarm
Max Media Size	25 x 36 inches (635 x 910 mm)
Max Image Size	34 x 25 inches (864 x 635 mm)
Dimensions	85.3 x 51.9 x 58.8 inches (2167 x 1318 x 1495 mm)
Weight	1,614 lb (732 kg)



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ADDRESS

7007 PINEMONT DRIVE
HOUSTON, TX 77040 USA

TELEPHONE HOURS:

MONDAY – FRIDAY
8AM – 5PM CENTRAL TIME
T 713-343-5662
F 713-583-0021
TOLL FREE 1-713-766-3812