

NEXTJET DIRECT3300



Based on a completely new developed system, the Gandy NextJet Direct Series new family of direct-to-fabric digital printers provides a complete solution that enables printing directly onto polyester fabrics and other fabric substrates with flawless results. The system features precision media handling components and an advanced on-board sublimation unit that together ensure outstanding image quality and rich, saturated colors for flags, banners, textiles, and soft signage that maintain their natural drape and texture. Industrial built digital textile dye sublimation printer with on-board true calender with pressure, timing and heat. Two print widths available: 3.3m and 5.3m. Water-based inks. State-of-the-art Kyocera 4pL variable drop print heads.

PRINT ON MESH FABRICS

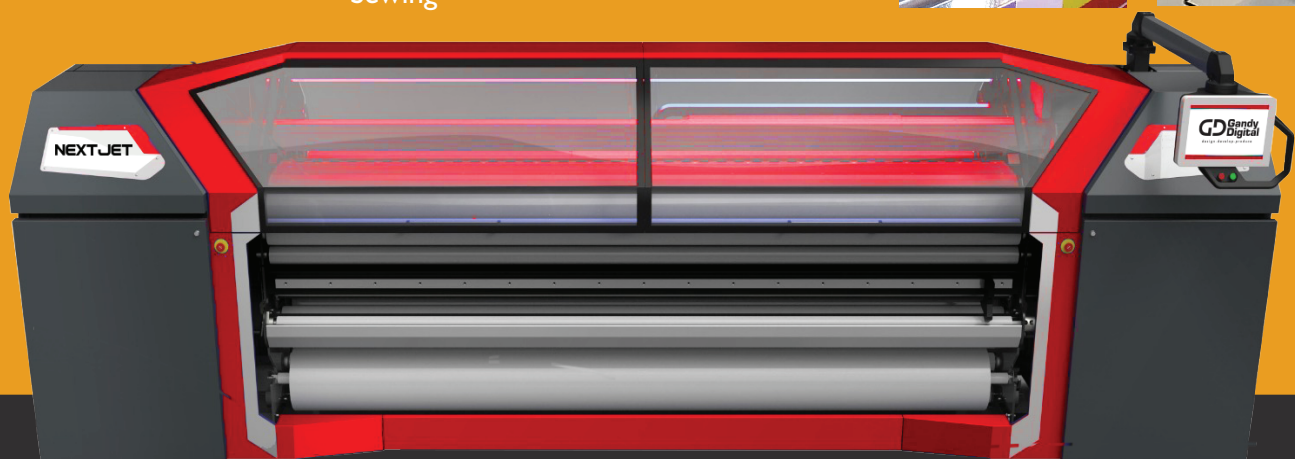
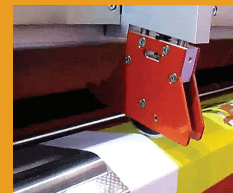
Our new solution is designed to easily print on open mesh fabrics such as flag material and sports textiles without marking the backside of the fabric with “blow-by” ink. The especially designed ink trough with sponge and pad absorbs any ink that passes through the fabric.

DESIGNED TO BE RUGGED AND RELIABLE

Gandy NextJet direct-to-fabric printing system combines trusted performance and reliability with award winning innovative design and print quality.

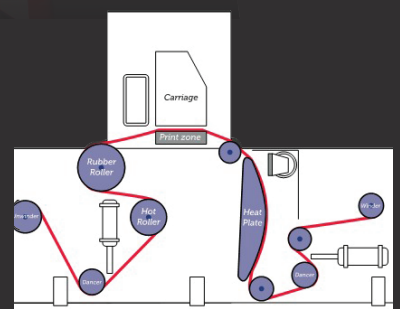
OPTIONAL ACCESSORIES

- * In-Line Cutting System
- * Jumbo Roll: Unwinder and Rewinder
- * Roll-TO-Sheet
- *Sewing



MEDIA HANDLING SYSTEM

The engineered system features two precision stepping motors and synchronized dancing rollers that automatically fine tune the media feeding process to ensure precise movements with every pass of the print head. Also a special cork covered cylinder can be activated when printing on stretchable media such as Lycra, Spandex and other sports textiles.



PRINthead TECHNOLOGY

State-of-the-art Kyocera print heads with a 4 pL native drop size result in high-speed, true grey-scale fabric printing. These heads offer the fastest dye sublimation printing and smallest drop size in the digital textile print industry.

The NextJet Direct Series can be configured as 2 or 4 heads per channel and is field upgradable when you are ready to increase your speed. Outfitted with the 4-head configuration, NextJet Direct Series is almost 2x the speed of many of the most popular dye sublimation printers on the market today.

NEXTJET 1.1 INK

Achieve a brilliant color gamut with super rich blacks, a heavy pigment load and excellent grey-scale. The vibrant, water-based inks pass all OEKO-TEX® Standard 100 Certifications. They are produced in an ISO 9001 facility with strict quality control and provide the lowest cost per print in the industry for an industrial dye sublimation printer.

VARIABLE DROP PRINTING

NextJet Direct Series printers utilize Kyocera variable drop grey-scale heads that produce drops of varying colors and sizes within a single image file, marrying the best combination of the image quality that comes with small drop sizes and the productivity associated with large drop printing. Using only 4 colors, the precision of the Kyocera heads provides fine, detailed text and superior image quality, especially in gradients and mid-tones. Because NextJet does not require light colors, users reduce up to a 50% reduction in ink usage, further reducing their cost of operation and increasing their profit margins.

NEXTJET SPEED (4 Kyocera Heads)

NEXTJET 330

| Passes | Resolution | Speed (sq. m/hr) |
|--------|------------|------------------|
| 1 | 600 x 300 | 330 |
| 2 | 600 x 600 | 230 |
| 4 | 600 x 900 | 130 |

SPECIFICATIONS

Printing Width: 3.3. meters

RIP Software: Optional
Caldera / Onyx / Ergosoft

Printhead Technology: Kyocera

No. of Heads/ Channel: 2-4 / 4-8 (Field Upgradeable)

Power Supply: 400V/32 Amps 3phase

Resolution: max 2400 dpi

Ink Bulk System: 2.5 / 5 liters

Number of Color: 4 Colors / C M Y K

Ink Type: Water Based Dye Sublimation

Calander Type: Specially Developed for maximum heating homogeneity

Max. Fixation Temp: 200°C

Dimensions: 530cm x 20cm x 60cm (Nextjet 330)

Environmental Requirements: 20-25°C
Humidity 40-80%



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