



NEW!

GLASS SCANNER

Scans the borders of the glass and crops the image according to the actual glass size. The user-friendly software enables the operator to control the positioning of the trimmed image.

MULTI-TASKING GLASS HANDLING SYSTEM

The printer's split conveyor system allows the machine to print and unload at the same time. (NEraD 6 m only)

AUTOMATIC LOAD SYSTEM

Shifts the glass forward from the set-up area, enabling continuous printing while new glass is being loaded. (NEraD 4 m only)

METALLIC INK SOLUTION

A dedicated system for handling precious metal inks that prevents ink contamination and minimizes ink waste.

INDUSTRY 4.0 COMPLIANCE FOR SMART MANUFACTURING

Dip Tech's NExT operating system sends production data to the factory control software.

Outstandingly heavy-duty digital glass printer for serial production.

Leads in production speed, quality, flexibility & efficiency.

SPEED AND QUALITY

- Gradual wide brush and high jetting frequency
- High-power dual technology drop-fixation system
- Variable drop size – High image quality and application flexibility
- Highly accurate, bi-directional printing

FLOW AND FLEXIBILITY

- Fully automated, inline industrial solution
- 12 ink channels with fast color changes
- Production of different applications without changing ink tanks
- Simplified workflow, with NExT user interface

EFFICIENCY

- Near-zero maintenance – Yet 100% automatic
- Automated ink recirculation in the printhead
- Automatic, near-zero-waste color change system
- Inline dryer eliminates the need for an extra line and process

Key Specifications

	Dip-Tech NEraD150	Dip-Tech NEraD300	Dip-Tech NEraD460	Dip-Tech NEraD Plus
Maximum glass size	Width: 2800-3300 mm, 110-130 in Length: 2600-18,000 mm, 102-720 in			
Minimum glass size	400 x 400 / 800 x 800 mm* 16 x 16 / 32 x 32 in*			
Jetting power - Million Drops Per Second	150 MDPS	300 MDPS	460 MDPS	610 MDPS
Printing resolution	Up to 1410 DPI			
Drop size	10pl / variable drop size			
Number of ink channels	6	12	12	12
Glass thickness	2 - 19 mm 0.1 - 0.75 in			
Inks	Dip-Tech SPECTRUM Inks, Dip-Tech Extra Durable S1 Inks, Dip-Tech Digital Conductive Ink, Dip-Tech Precious Metal Inks			
Empowered drop-fixation	Included			
Software	DXP4 Advanced (includes RIP, Pattern Generator, CMiX)			
Inline pass through conveyor	Included			
Image format	All popular graphic formats, including PDF, PS, EPS, Tiff, BMP, JPEG			
Ambient temperature	18-25°C / 64-77°F			
Power input	3 X 16A / 3 X 125A			
Overall dimensions L x W x H	4 meters: 5850 x 6480 x 1600 mm, 230 x 255 x 63 in 6 meters: 8100 x 6480 x 1600 mm, 319 x 255 x 63 in			

* The machine can accommodate smaller size glass panels by using a carrying glass or adapting plate.

Maximum Throughput per Application*



Single-color dots & lines

Up to 1000 sqm/hr
Up to 10,760 sqft/hr



Black frames

Up to 380 sqm/hr
Up to 4090 sqft/hr

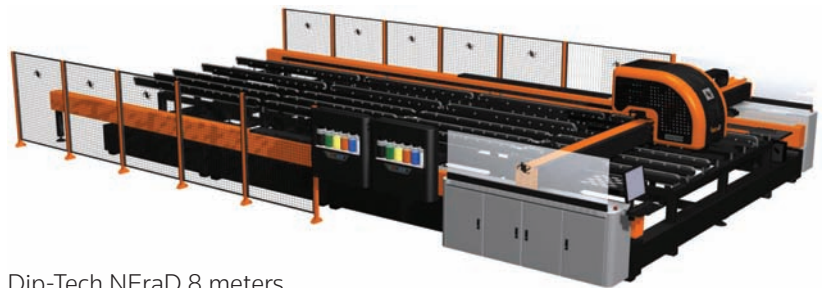


Photorealistic images

Up to 135 sqm/hr
Up to 1450 sqft/hr

* Indicative throughput (depends on: number of MDPS, ink wet layer thickness, glass/print size, color configuration, graphic design and complexity, and printing quality mode) speeds are measured at 3300 x 1000 mm glass size.

Available for Different Glass Lengths, from 2.6 to 18 Meters



Dip-Tech NEraD 8 meters

Production Flexibility

Endless color configurations and fast, economical, and automatic color changeover.

