MERCATUM
For a Better Built Environment

DecoJet™ NEraD Series

Outstandingly heavy-duty digital glass printer for serial production
Leads in production speed, quality, flexibility & efficiency

Maximum Throughput per Application*

Single-color dots & lines

Up to **1000 sqm/hr**
Up to **10760 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 Maximum Throughput (depends on: number of MDPS, ink wet layer thickness, glass/print size, colors' configuration, graphic design and complexity, and printing quality mode) speeds are measured at 3300X1000 mm glass size.

Leads in production speed and quality

- Gradual Wide Brush and high jetting frequency – High-throughput production with high quality
- High-power dual technology Drop-Fixation system
- Variable drop size – High image quality and application flexibility
- Super rigid and-accurate– High speed and quality, with bi directional printing

Leads in production flow and flexibility

- Fully automated, inline industrial solution – Automatic registration, continuous printing
- 12 ink channels with fast color changes – Cost-saving, maximized production efficiency
- Enables production of different applications without changing ink tanks
- NExT state-of-the-art user interface – Provides a simplified workflow

Leads in production efficiency

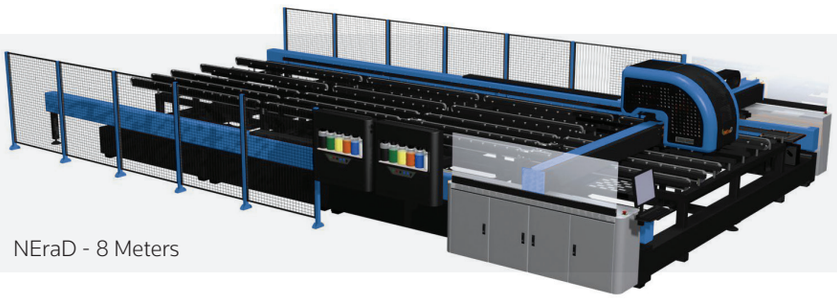
- Near-zero maintenance – Yet 100% automatic
- Automated ink recirculation in the printhead
- Automatic color change system – Quick color changes with almost no waste
- Inline dyer – Dries while printing at up to 120 sqm/hr – Eliminates nee for an extra line and process, saving floor space and energy

Key Specifications

	NEra-D150	NEra-D300	NEra-D460	NEra-D Plus
Maximum glass size	Width: 2800/3300 mm, 110/130 in Length: 2600 to 18000 mm, 102 to 720 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			
# of Channels	6	12	12	12
Minimum glass size	400 x 400 / 800 x 800 mm* 16 x 16 / 32 x 32 in*			
Glass thickness	2 - 19 mm 0.1 - 0.75 in			
Inks	Dip-Tech SPECTRUM Inks, Dip-Tech Extra Durable S1 Inks, SPECTRUM Sense Dip-Tech Slip-Resistance Ink, Dip-Tech Architectural Light Diffusion Ink			
Empowered Drop-Fixation	Included			
Software	DXP3 Advanced (includes RIP, Pattern Generator, Color Atlas)			
Inline pass through conveyor	Included			
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			
Image format	All popular graphic formats, including PDF, PS, EPS, Tiff, BMP, JPEG			
Ambient temperature	18-25˚C / 64-77˚F			
Electrical phase	3X16A			

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

Available in different lengths, from 2.6 to 18 meters



NEraD - 8 Meters

Production Flexibility

Endless color configurations and beyond, fast economical and automatic change from one to another.

MERCATUM For a Better Built Environment DecoJet™ NEraD **www.mercatum.fi | info@mercatum.fi**

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