

ECO SOLVENT

# NEPTUNE HQ

ECO SOLVENT SUPER WIDE  
2-IN-1 INDOOR & OUTDOOR SIGNAGE PRINTER

- Prints Vinyl and Flex: one machine for indoor and outdoor signage
- Super-detailed eco-solvent printing across 10 ft print width
- Greentech technology for environment-friendly, odorless printing



Neptune HQ, the high-speed Industrial grade eco-solvent printer is built for speed & quality. At a speed of 46 sqm/hr, Neptune HQ is engineered for highest quality of vinyl and flex printing with eco solvent inks. The 3.2 mtr eco-solvent printer based on industrial grade jetting assembly ensures accuracy at high speed.

The environment-friendly Neptune HQ is built on heavy duty structure made with high mechanical precision standard to meet the growing requirement of those who want speed with quality.



SPECIFICATIONS

NEPTUNE HQ				
Printing Technology		Drop-on-demand, Piezo Electric Inkjet		
Print Heads		Industrial Grade Jetting Assemblies		
Media	Width	3300 mm (129 in)		
	Thickness	Maximum 3.0 mm (120 mil) with liner (flexible)		
	Roll Outer Diameter	Maximum 300 mm (12 in), 50.8 (2 in)		
	Roll Weight	Maximum 90 kg		
	Core Diameter	76.2 mm (3 in)		
	Type	Self Adhesive Vinyl, PVC Banner, Backlit & Window Film, Vinyl, Fabric (Solvent Base)		
Printing Width		Maximum 3200 mm (126 in)		
Inks	Type	Eco Solvent Inks		
	Colors	4 Colors (CMYK)		
Printing Resolution (dots per inch)		Maximum 1440 dpi		
Distance Accuracy		Error of less than $\pm 0.3\%$ of distance traveled, or $\pm 0.3$ mm, whichever is greater		
Media Heating		Pre-heater and post-heater, setting range for the preset temperature: 30 to 60°C. Dryer setting range for the preset temperature: 30 to 60°C		
Connectivity		High Speed USB		
Power Requirements		AC 220 V $\pm 10\%$ , 15 A, 50/60 Hz		
Dimension		4500 x 1000 x 1400 mm (WxDxH)		
RIP Software		FlexiRip (ColorJet Edition)		
Weight (approx. with stand)		300 Kgs		
Environmental	Power ON	Temperature: 18 to 28°C Hmidity: 20 to 80%RH (Non-condensing)		
	Power OFF	Temperature: 5 to 40°C Humidity: 20 to 80%RH (Non-condensing)z		
<b>Speed</b>	<b>Print DPI</b>	<b>Passes</b>	<b>SqMtr/Hour</b>	<b>SqFt/Hour</b>
Production	720 x 720	2	46	503
Standard	720 x 1080	3	31	342
Fine	720 x 720	4	24	262
Quality	720 x 1080	6	16	175
High Quality	720 x 1440	8	12	133

