

# NIRVANADIRECT

INNOVATION SERIES

The Game Changer:  
designed for **direct printing** at **speed**



**30** CELEBRATING  
**YEARS**  
1994-2024

[www.optimumdigital.com](http://www.optimumdigital.com)

 **OPTIMUM****D**IGITAL  
PLANET



# NIRVANA DIRECT

## INNOVATION SERIES

Optimum's flagship textile printer configured and optimised, with a patented jumbo-roll feeding system, for reliable high quality direct to fabric printing at high speeds.

This industrial direct to fabric printer utilizes the industry's leading technologies and is available in 2 printing width options: 81" (205cm) and 126" (320cm). This printer includes a 118" (300cm) long industrial fixation unit for direct to fabric application.





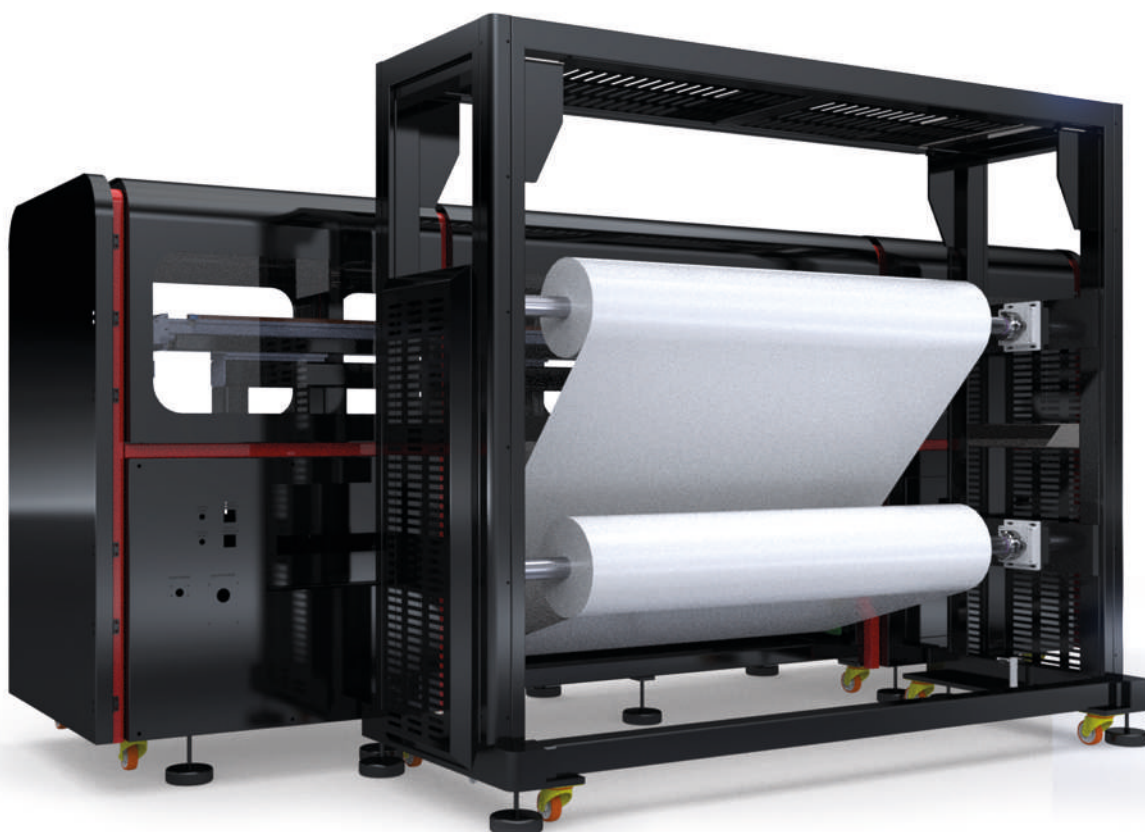


## Machine Features

- ✓ Smart automatic head cleaning system
- ✓ Separate industrial fixation unit included
- ✓ Integrated vacuum generator with compressed air
- ✓ IGUS energy chains for smooth motion control
- ✓ Aluminium frame and double carriage rail
- ✓ Unwinder/winder dancing tension system (no pinch rollers)
- ✓ Patented industrial jumbo roll feeder with airshaft rolls
- ✓ Safety trigger system for printhead protection
- ✓ Closed design system for safe operation and reduced noise

## Printing Features

- ✓ Potential for uninterrupted 24/7 printing operations
- ✓ Low vibrations from strong frame for accurate dotting
- ✓ Up to 1,100lbs (500kg) and 18" (70cm/ 27.5) diameter media rolls
- ✓ Reliable drying at 6,027sqf/h (560sqm/h)
- ✓ Spare-parts and inks inventory at all locations
- ✓ In-house color specialist for customized color profiling



**Industrial Printheads**  
5pl – 73pl Single Channel



**PLC Technology**  
German Electronics



**Industrial Fixation Unit**  
Not included with printer



## Technical Specifications

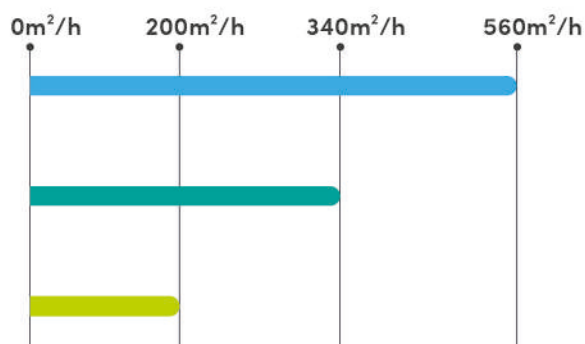
Default Printhead	Konica Minolta, Kyocera(optional)	Variable Drop	6 pl - 73 pl
Printhead Options	4 / 6 / 8 / 12 / 16 (max 2 rows)	Color Options	4 color - 6 color - 8 color
Ink Compatibility	Disperse / Eco-Pigment / Reactive / Pigment / Acid	Ink Tank System	Open System - 5kg capacity, 20kg external (optional)
Print Width	2.1m & 3.2m	Media Type	Non-Elastic Textiles
Media Drying System	Industrial Drying System	Media Feeding System	Included Feeding System
RIP Software	Neo-Stampa Optimum Digital Special Edition Caldera Textile Pro Enterprise	Max Media Weight	250 kg / 45 cm diameter
		Graphical User Interface (GUI)	ODP Print 3
Power Requirements	Single phase 220VAC / 2.5A (for machine) Three phase 380VAC / 32A (for dryer)	Compressed Air	0,6 Mpa @ 2L/min
Printer Dimensions	5500 mm x 2700 mm x 1500 mm	217" x 106" x 59"	
Net Printer Weight	2800 kg	6.172lbs	
Net Machinery Weight	3500 kg	7,716lbs	

### NIRVANADIRECT 8 Printheads

**Draft Mode**  
(1 PASS)

**Production Mode**  
(2 PASS)

**High Quality Mode**  
(4 PASS)



4 Colors / 8 Printheads







## Printing made easy



TABLECLOTH



CURTAIN



DECORATIVE PAPER



UPHOLSTERY



SPORTSWEAR



WALLPAPER



FLAGS



BED COVERS



APPAREL

Print on transfer paper, wallpaper as well as non-stretching fabrics with sublimation and pigment technology

# NIRVANADIRECT

INNOVATION SERIES

Global Guarantee by Optimum Digital



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