

# NIRVANA DIRECT

INNOVATION SERIES

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



**25** CELEBRATING  
**YEARS**  
1994-2019

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

 **OPTIMUM**DIGITAL  
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 America 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.





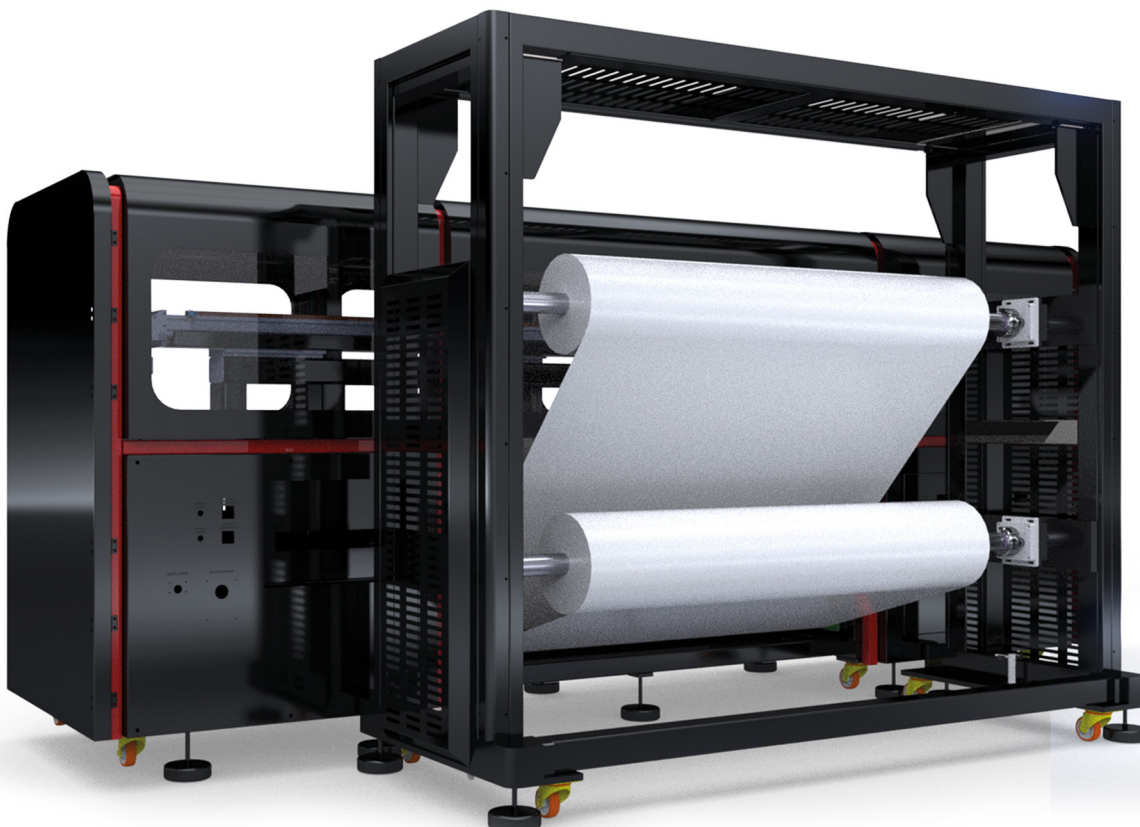


## Machine Features

- ✓ 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 USA warehouse
- ✓ In-house color specialist for customized color profiling



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



**PLC Technology**  
German Electronics



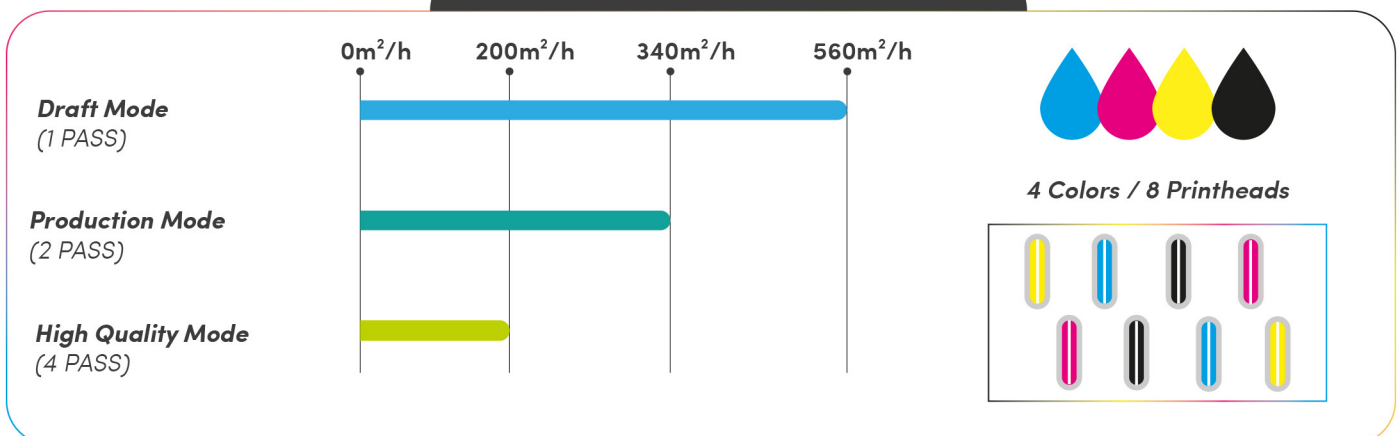
**Industrial Fixation Unit**  
Included with printer



## Technical Specifications

<b>Default Printhead</b>	Kyocera KJ4B - 600DPI	<b>Variable Drop</b>	5 pl - 73 pl
<b>Printhead Options</b>	4 / 6 / 8 / 12 / 16 (max 2 rows)	<b>Color Options</b>	4 color - 6 color - 8 color
<b>Ink Compatibility</b>	Sublimation, Pigment, Reactive	<b>Ink Tank System</b>	Open System - 5kg capacity
<b>Print Width</b>	Standard: 205cm (80.7") L Option: 320cm (126")	<b>Media Type</b>	Non-elastic textile, plastic film
<b>Media Drying System</b>	Industrial Fixation Unit	<b>Media Feeding System</b>	Industrial jumbo roll feeder Vacuum system
<b>RIP Software</b>	Neo-Stampa Optimum Digital Special Edition Caldera Textile Pro Enterprise	<b>Max Media Weight</b>	500kg / 27.5cm diameter 1,100lbs / 17.7" diameter
		<b>Graphical User Interface (GUI)</b>	ODP Print 2
<b>Power Requirements</b>	Single phase 220VAC 25A (for machine) Three phase 380VAC 32A (for dryer)	<b>Compressed Air</b>	0,6 Mpa @ 2L/min
<b>Printer Dimensions</b>	550cm x 270cm x 150cm		217" x 106" x 59"
<b>Net Printer Weight</b>	2,600kg		5,732lbs
<b>Net Machinery Weight</b>	5,900kg		13,007lbs

### NIRVANADIRECT 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

# NIRVANA DIRECT

INNOVATION SERIES

Global Guarantee by **Optimum Digital**



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