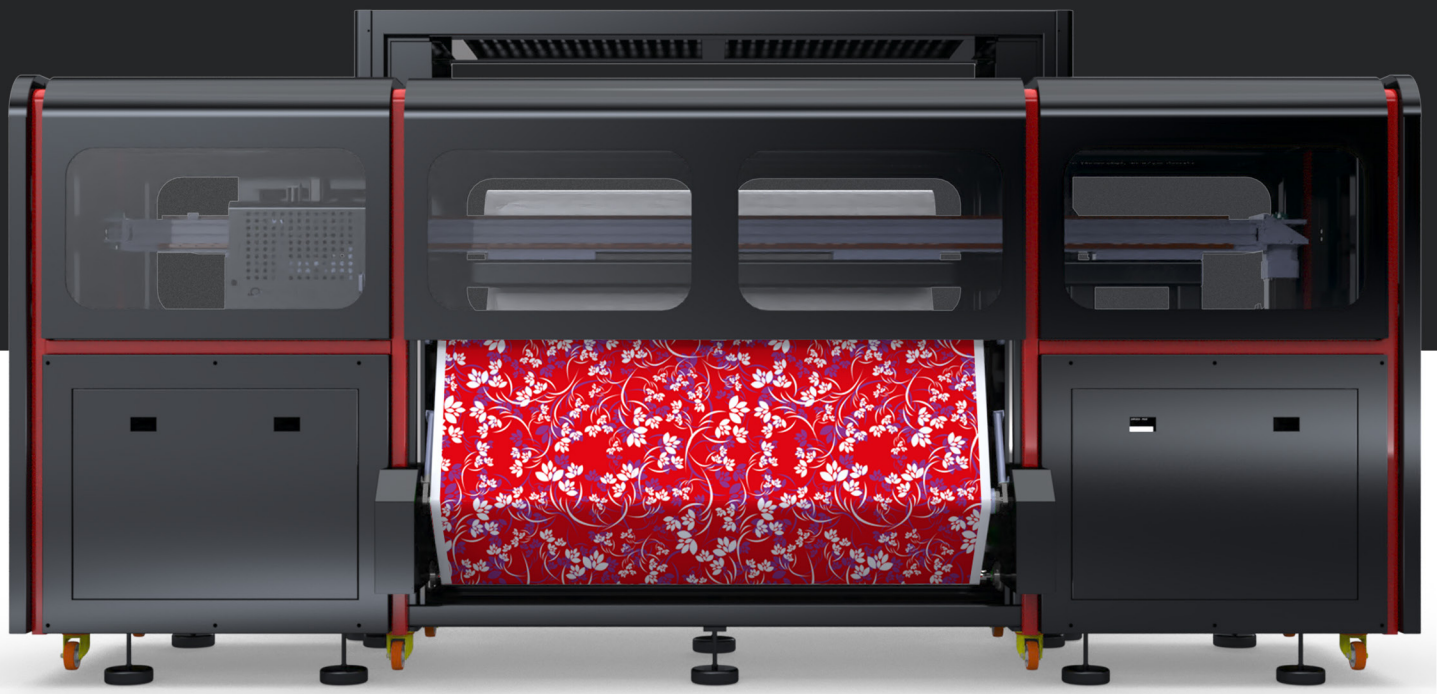
# NIRVANA PAPER

INNOVATION SERIES

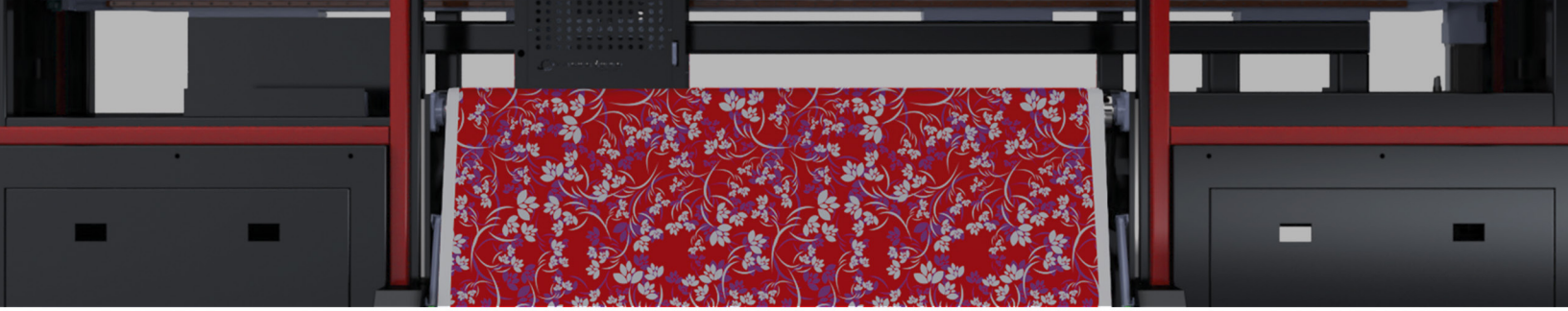
## The Game Changer:
## designed for quality at speed



25 CELEBRATING YEARS
1994-2019

www.optimumdigitalusa.com

OPTIMUM DIGITAL USA

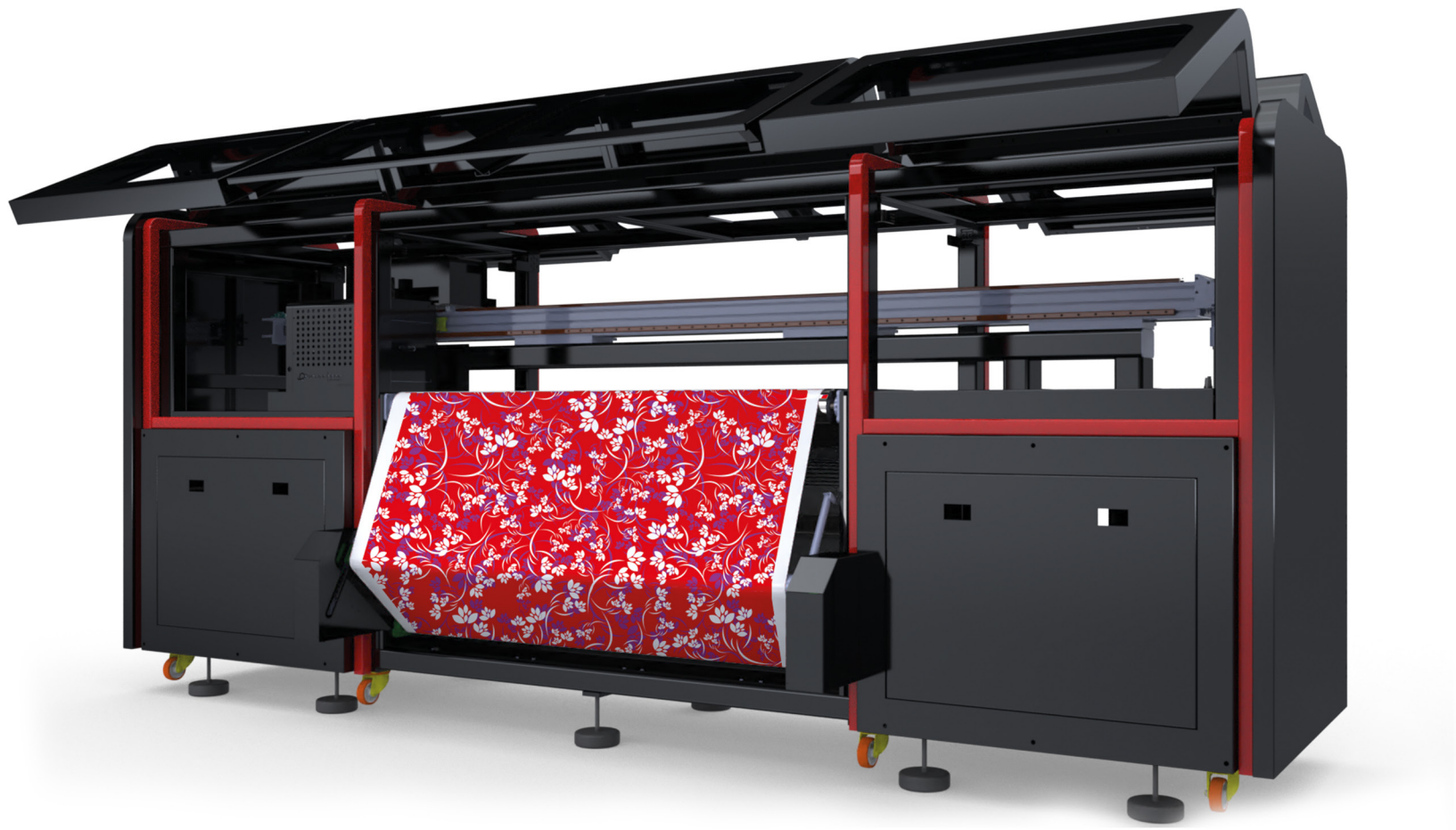


# NIRVANAPAPER

## INNOVATION SERIES

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

This industrial transfer paper printer utilizes the industry's leading technologies and is available in America in 2 printing width options: 81" (205cm) and 126" (320cm). The printer can also be configured for direct to fabric printing – optimized as the NirvanaDirect printer.

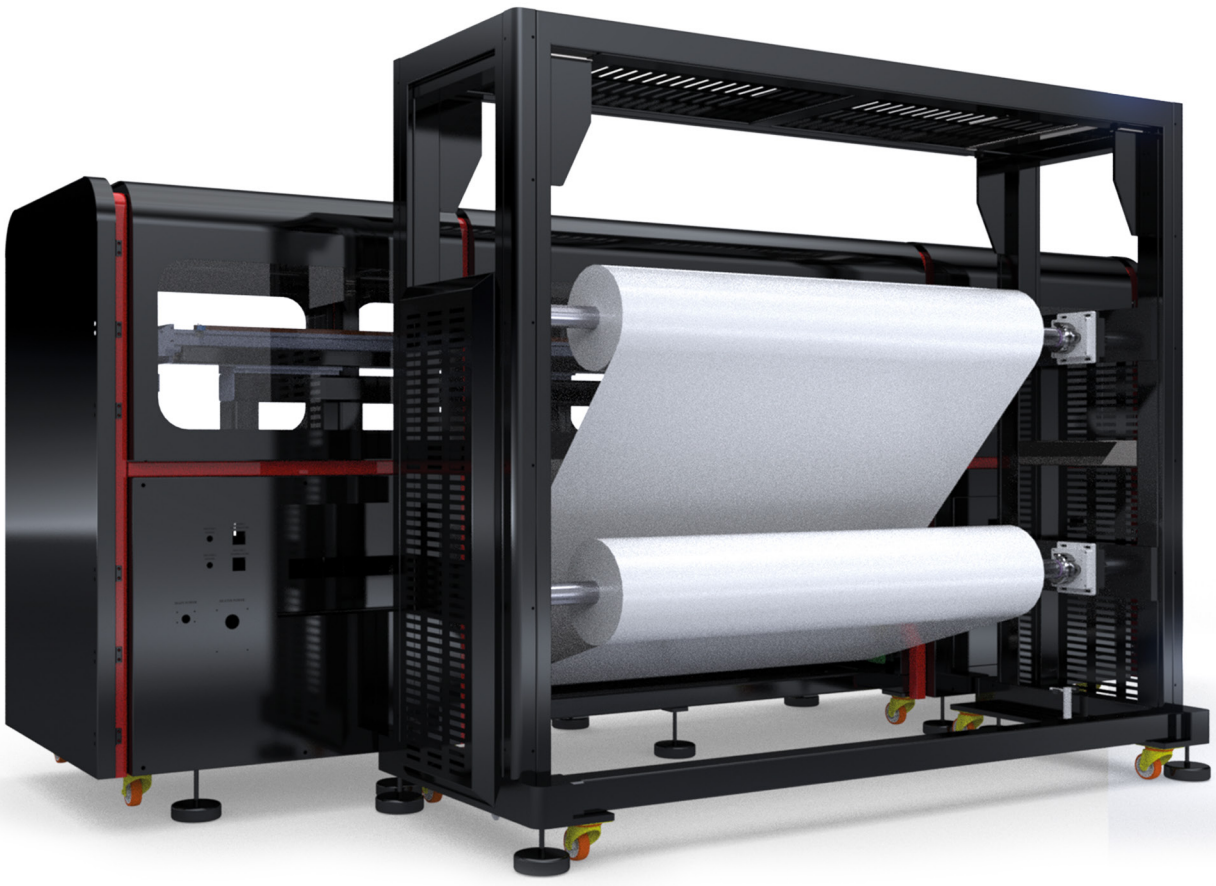


## Machine Features

- Smart automatic head cleaning system
- Integrated hybrid drying unit under machine
- 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 printing and drying at 6,027sqf/h (560sqm/h)
- Spare-parts and inks inventory at USA warehouse
- In-house color specialist for customized color profiling



KYOCERA

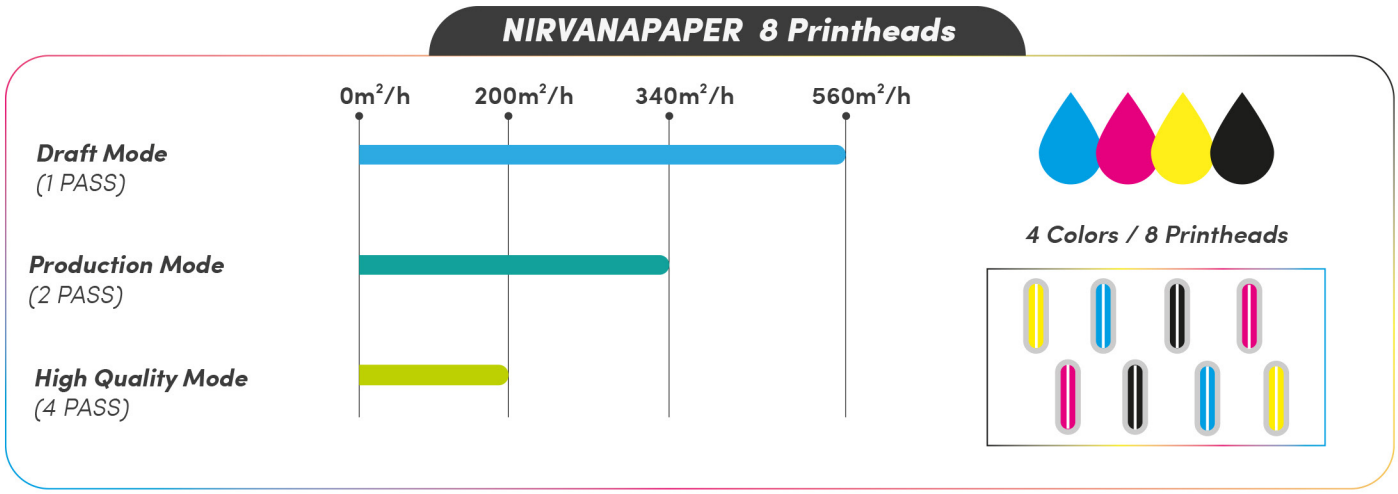
Industrial Printheads
5pl – 73pl Single Channel

PLC Technology
German Electronics

Patented Technology
Industrial Jumbo Roll

# Technical Specifications

| | | | |
|---|---|---|---|
| **Default Printhead** | Kyocera KJ4B - 600DPI | **Variable Drop** | 5 pl - 73 pl |
| **Printhead Options** | 4 / 6 / 8 / 12 / 16 (max 2 rows) | **Color Options** | 4 color - 6 color - 8 color |
| **Ink Compatibility** | Sublimation, Pigment, Reactive | **Ink Tank System** | Open System - 5kg capacity |
| **Max Print Width** | Standard: 80.7" (205cm)<br>L Option: 126" (320cm) | **Media Type** | Paper, non-elastic textile, plastic film |
| **Media Drying System** | Integrated hybrid drying system | **Media Feeding System** | Industrial jumbo roll feeder<br>Vacuum system |
| **RIP Software** | Neo-Stampa Optimum Digital Special Edition<br>Caldera Textile Pro Enterprise | **Max Media Weight** | 1,100lbs / 27.5" diameter<br>500kg / 70cm diameter |
| | | **Graphical User Interface (GUI)** | ODP Print 2 |
| **Power Requirements** | Single phase 220 VAC 25A | **Compressed Air** | 0,6 Mpa @ 2L/min |
| **Printer Dimensions** | 217" x 106" x 59" | | 550cm x 270cm x 150cm |
| **Net Printer Weight** | 5,732lbs | | 2,600kg |
| **Net Machinery Weight** | 7,716lbs | | 3,500kg |



# Printing made easy

TABLECLOTH

CURTAIN

DECORATIVE PAPER

UPHOLSTERY

SPORTSWEAR

WALLPAPER

FLAGS

BED COVERS

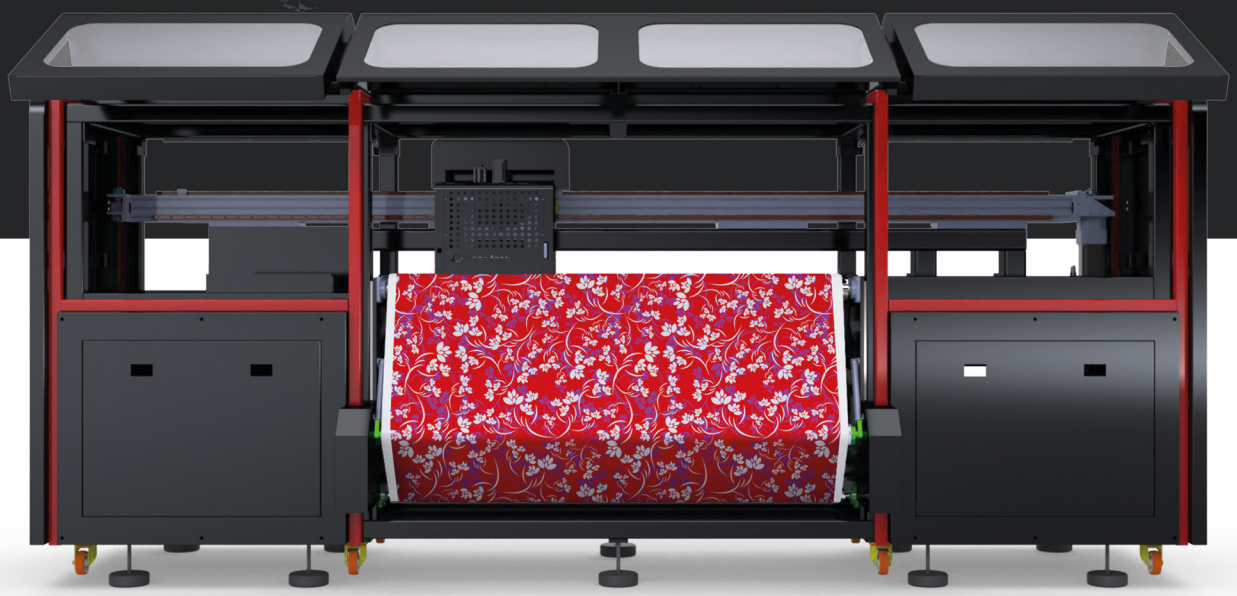
APPAREL

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

# NIRVANAPAPER

INNOVATION SERIES

Global Guarantee by Optimum Digital



OPTIMUMDIGITAL USA

www.optimumdigitalusa.com | info@optimumdigitalusa.com | /optimumdigitalusa