NIRVANAPAPER
INNOVATION SERIES

The Game Changer:
designed for quality at speed
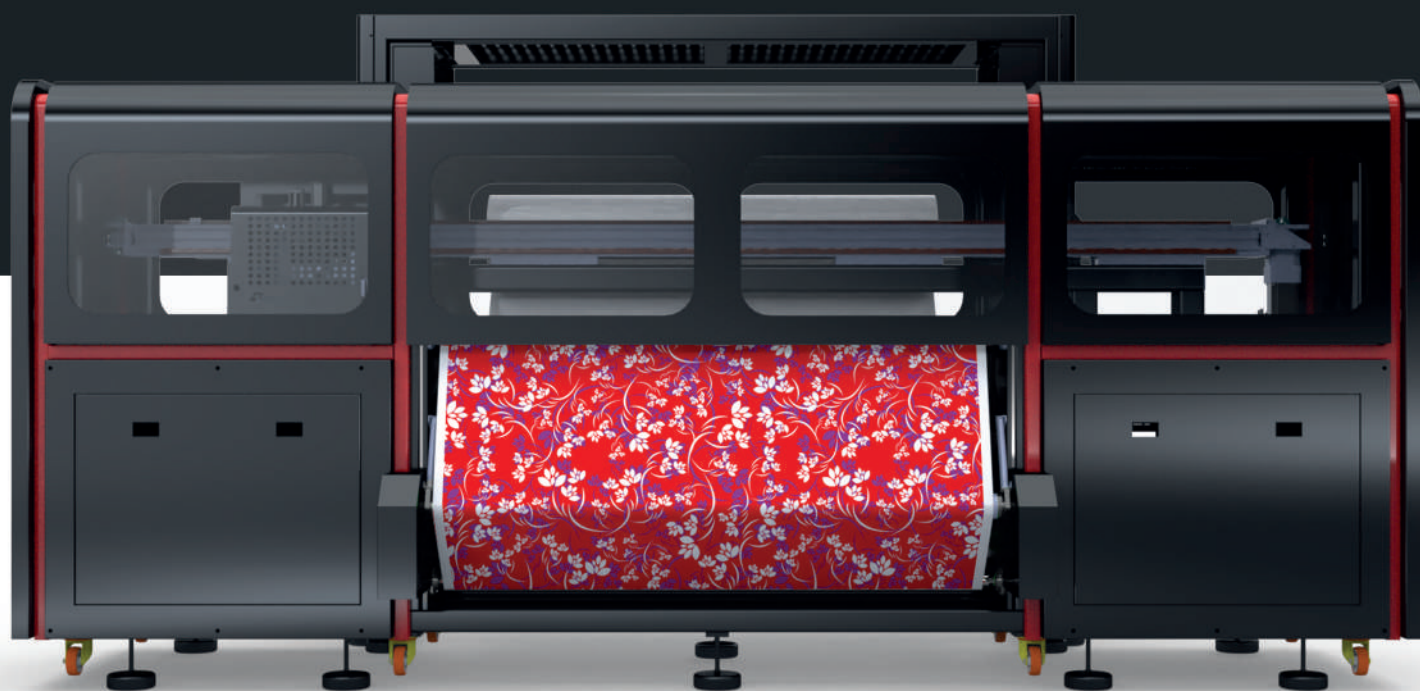
CELEBRATING
30 YEARS
1994–2024

OPTIMUMDIGITAL
PLANET

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 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.
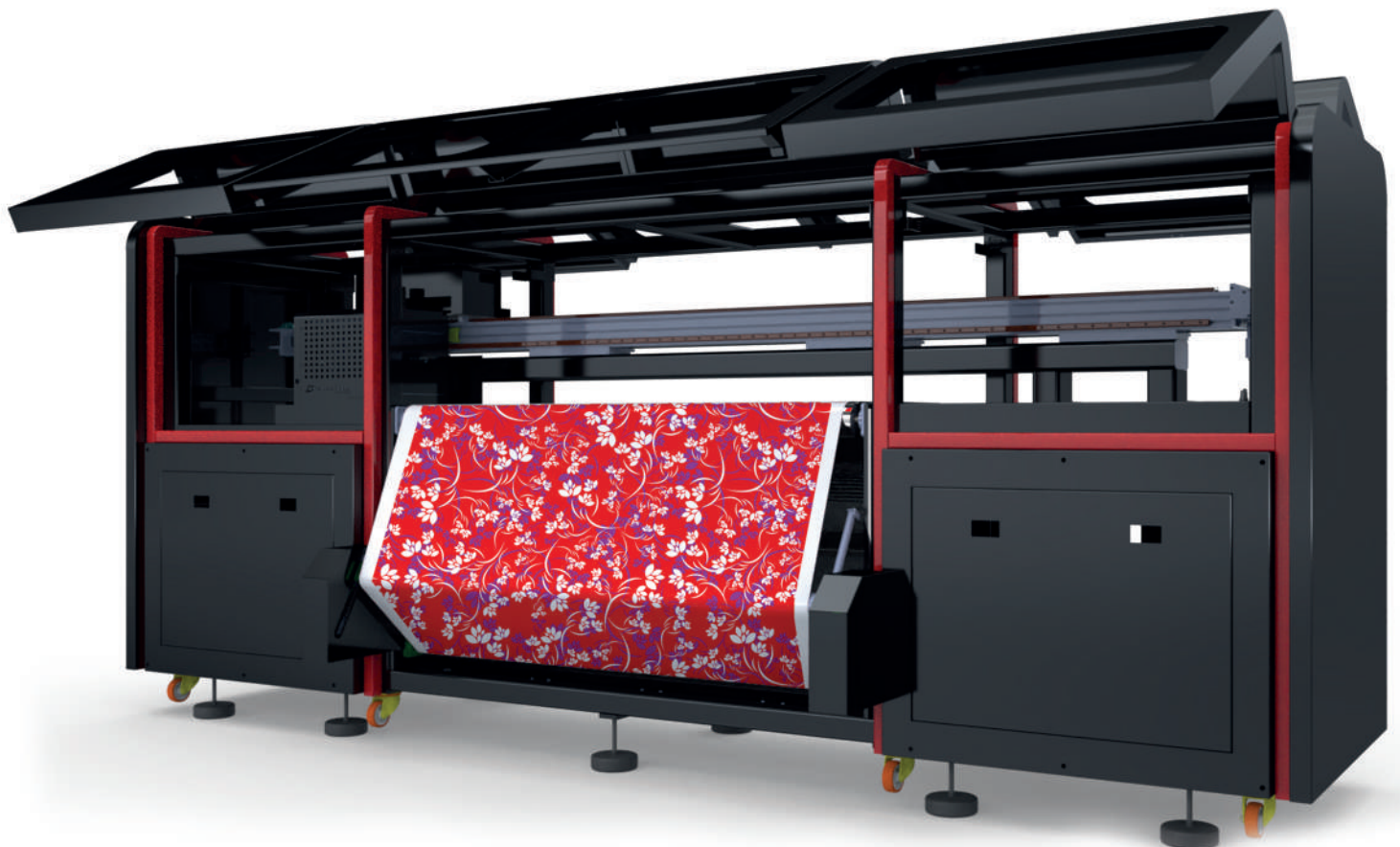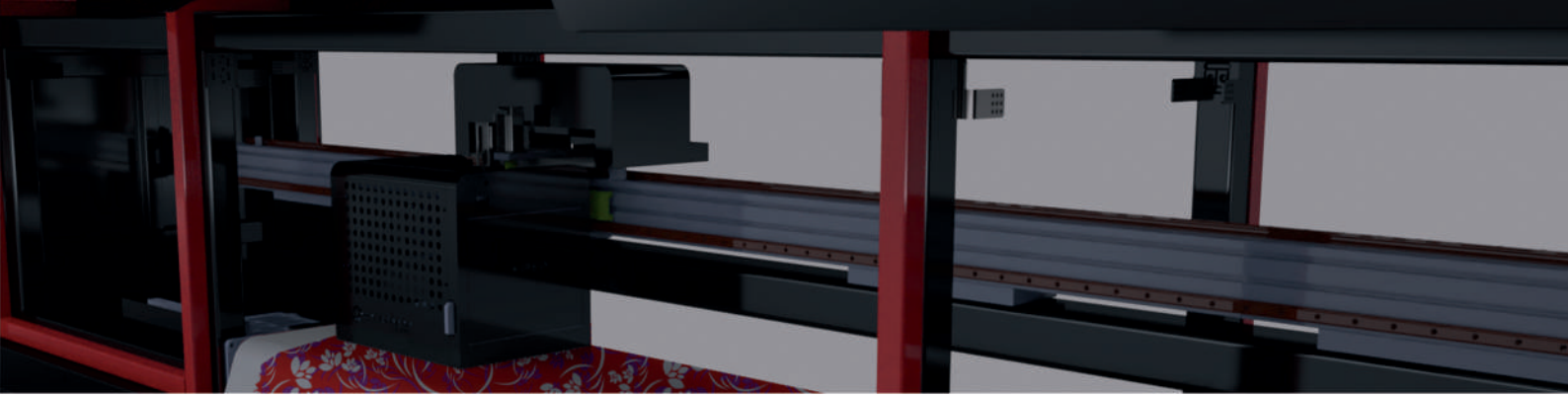
Machine Features

- ✔ 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 all locations
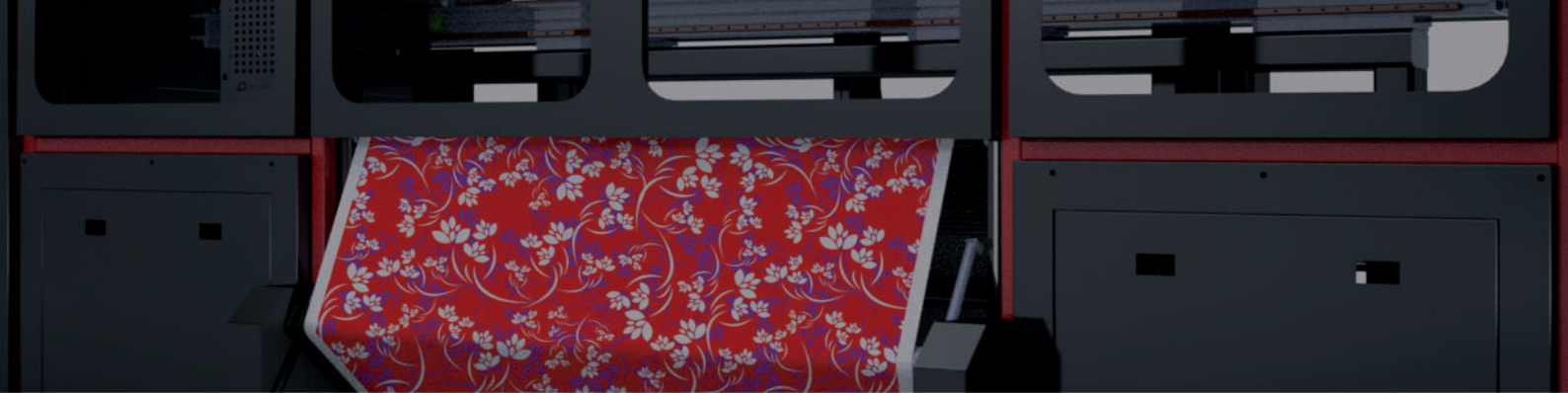- ✔ In-house color specialist for customized color profiling
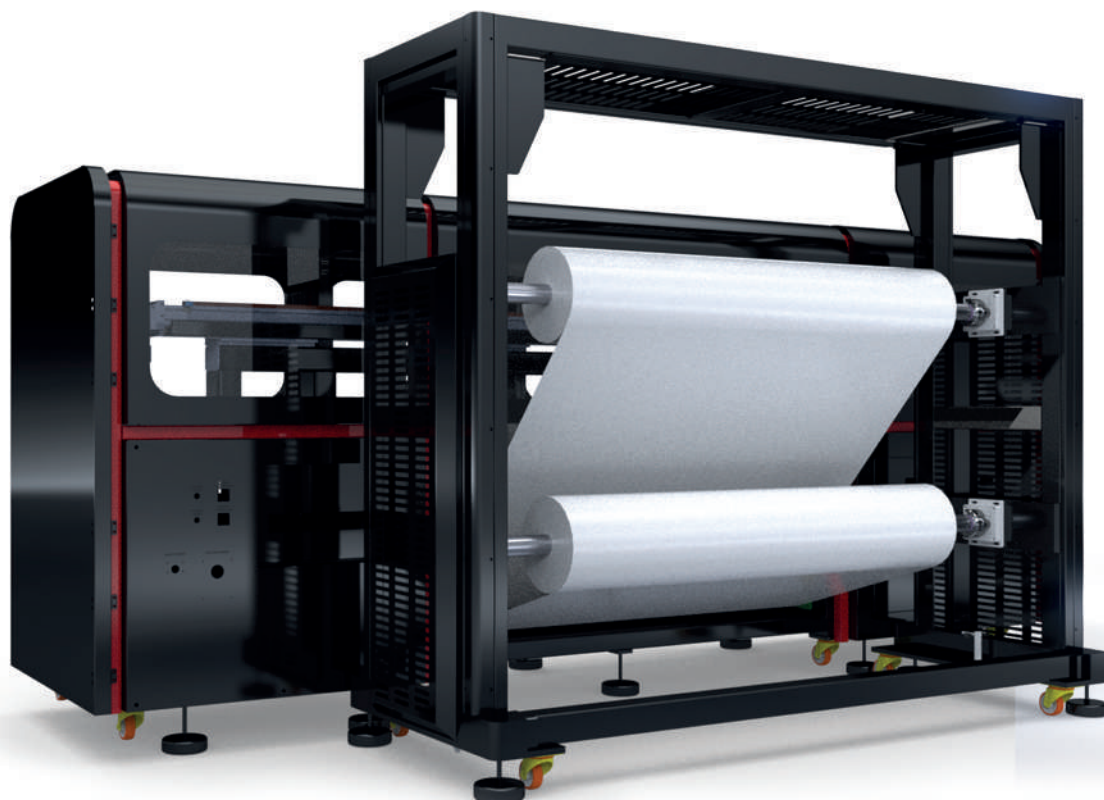
KYOCERA

Industrial Printheads
5pl – 73pl Single Channel
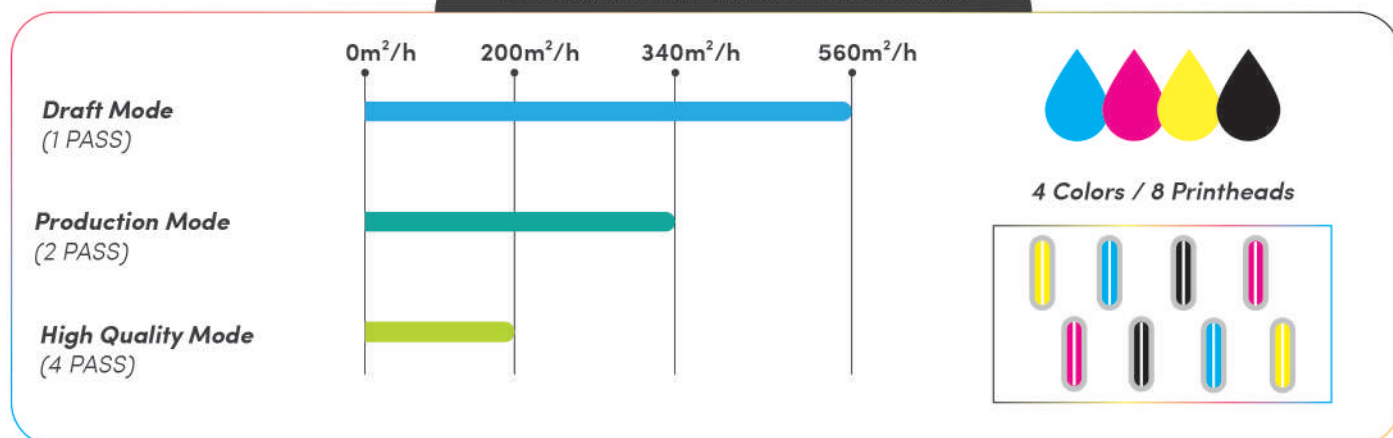
PLC Technology
German Electronics

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: 205cm (80.7") L Option: 320cm (126")	**Media Type**	Paper, non-elastic textile, plastic film
Media Drying System	Integrated hybrid drying system	**Media Feeding System**	Industrial jumbo roll feeder Vacuum system
RIP Software	Neo-Stampa Optimum Digital Special Edition Caldera Textile Pro Enterprise	**Max Media Weight**	500kg / 70cm diameter 1,100lbs / 27.5" diameter
		Graphical User Interface (GUI)	ODP Print 2
Power Requirements	Single phase 220 VAC 25A	**Compressed Air**	0,6 Mpa @ 2L/min
Printer Dimensions	550cm x 270cm x 150cm		217" x 106" x 59"
Net Printer Weight	2,600kg		5,732lbs
Net Machinery Weight	3,500kg		7,716lbs

NIRVANA PAPER 8 Printheads

	0m²/h	200m²/h	340m²/h	560m²/h
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

NIRVANAPAPER

INNOVATION SERIES

Global Guarantee by Optimum Digital

OPTIMUMDIGITAL
PLANET