■Specifications*

Product Name	Nassenger PRO120	
Technology	Drop on-demand piezo inkjet technology	
Printhead	1024 nozzles water-based inkjet printhead x 9 pcs	
Ink Type	Reactive dye Ink TYPE-P	Yellow, Extra Magenta, Cyan, Black, Blue, Gray, Orange, Pink, Sky
	Disperse dye Ink TYPE-A	Yellow, Magenta, Cyan, Black, Gray, Pink, Red, Sky, Violet
	Acid dye Ink	Yellow, Magenta, Cyan, Black, Orange, Blue, Light Magenta, Light Black, Light Cyan
Printing Width	1,850 mm	
Fabric Roll Width	330 mm to 1,800 mm**	
Recommended Fabric Thickness	Up to 3 mm	
Printing Mode	540 x 360 dpi	120 m2/h
	540 x 720 dpi	60 m2/h
	540 x 1080 dpi	40 m2/h
	900 x 720 dpi	40 m2/h
	Minimum Resolution 360 dpi, Maximum Resolution 1440 dpi	
Operating Environment	Mechanical operating condition	15~30°C 40~70% RH
Maintenance of Printhead	Auto maintenance / Jetting detector	
Ink Supply System	Configuration	Motor-driven pump supply
		In-line system degassing
		Ink tank (6 liter tank 9 units)
	Ink bottle	Original 5 liter bottle
Water Supply	3.5 liter/ min.	
RIP	RIP software required	
Compressed Air	0.5MPa or more, 200 liter/min. or more	
Dimensions	W 4,830 x D 1,740 x H 2,080 (mm) (Includes Tower lamp)	
Weight	Approx. 1,600 kg	
Power Supply	AC 200-240 V 50/60 Hz Single-Phase 12 A	

| Product Name	Dryer & Winder	
Fabric Width	1,800 mm	
Winding Roller	Maximum diameter 400 mm	
Operating Environment	Mechanical operating condition	15~30°C 40~70% RH
Control	Automatic drive by printer (Nassenger STANDARD I/O)	
Dimensions	W 2,760 x D 930 x H1,200 (mm)	
Weight	Approx. 250 kg	
Power Supply	AC 200-240 V 50/60 Hz Single-Phase 40 A	

＊ Details set out are current as of June 2014. The product specification is subject to change without prior notice.
＊＊ It depends on the length of the paper core.

■Installation space

W2,760 (mm)
W5,000 (mm)
D3,000 (mm)
H2,080 (mm)

Footprint: Approx.15m²

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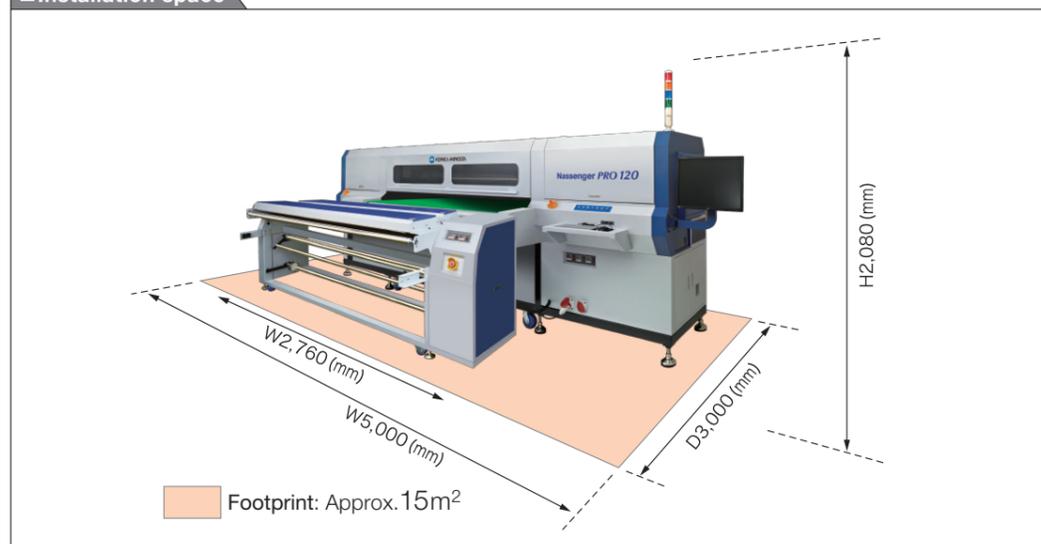
Nassenger
PRO 120
Inkjet Textile Printer

KONICA MINOLTA

The standard printer
for handling professional, high-quality production

Nassenger PRO 120
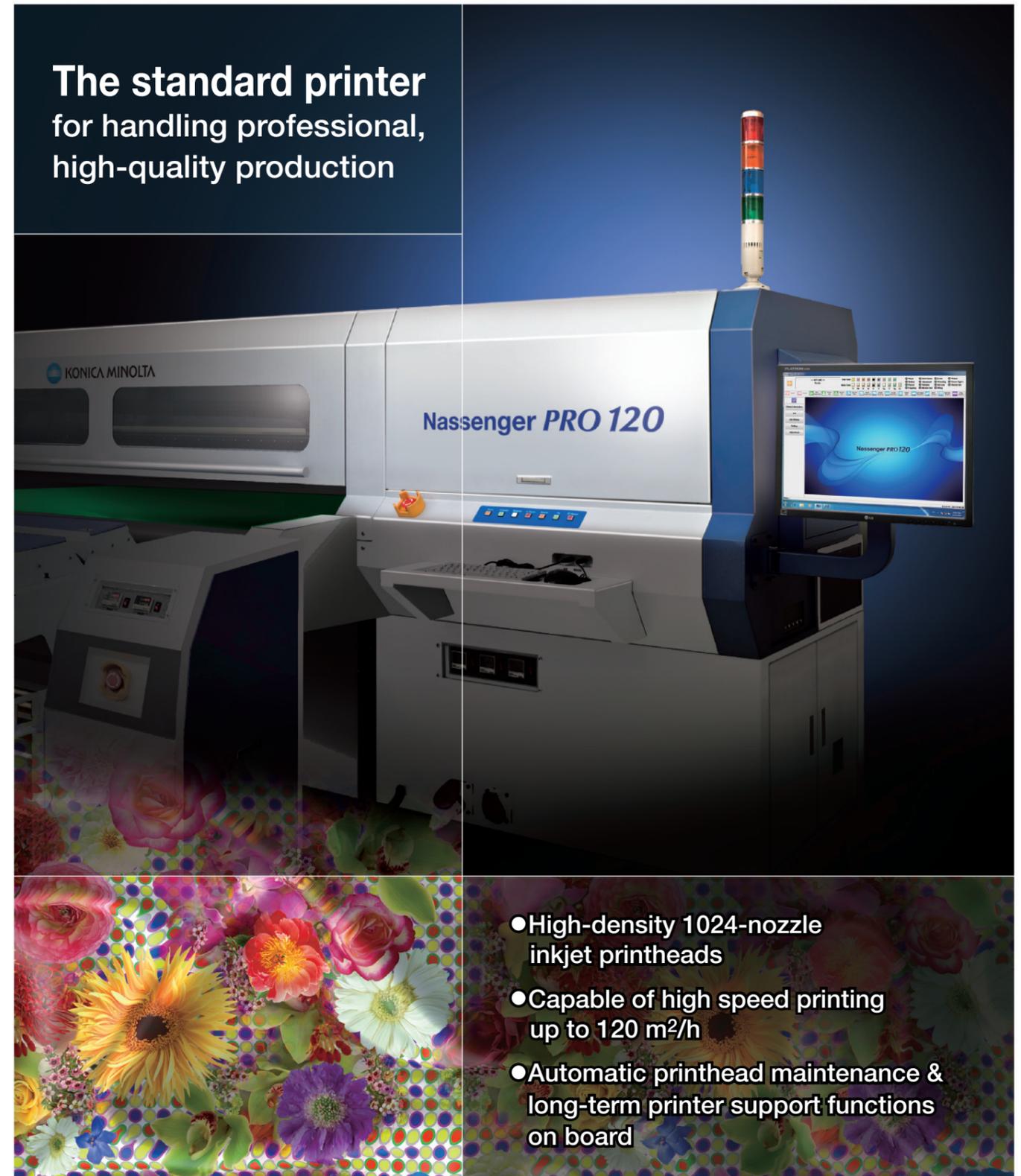
- High-density 1024-nozzle inkjet printheads
- Capable of high speed printing up to 120 m²/h
- Automatic printhead maintenance & long-term printer support functions on board

Giving Shape to Ideas

Fully equipped with the essential functions for a total inkjet textile printer solution

PRO120 comes standard with a dryer and winder to provide a total solution that encompasses the entire process from unwinding to printing, drying and winding.

Maximum print speed of 120 m²/hour

Realizes high-speed output capable of handling short delivery deadlines and low-volume production demands. The print speed can be selected to match production applications.

Print mode	
540 × 360 dpi	120 m²/h
540 × 720 dpi	60 m²/h
540 × 1080 dpi	40 m²/h
900 × 720 dpi	40 m²/h

Mounted with high performance water-based inkjet printheads

Employs 1,024 high-density nozzles. The printheads feature an independent drive system that allows simultaneous emission from each nozzle to realize high productivity.

▲ Head carriage

Nassenger Quality

- Overwhelmingly dark black color results that are world-class

- High resolution for beautifully sharp images

- High definition, uninterrupted image quality

- Color development in 16.7 million varied colors

- Light-colored ink generates rich, smooth gradations

- Highly flexible to accommodate many different types of fabric

Automatic printhead maintenance system

PRO120 is equipped with an empty ink detection by laser and automatic print head maintenance functions. This enables extended, yet stable, production.

Continuous long-run print support functions

Assorted detection features for checking fabric transport, plus real time display of printing results, are part of the robust long-run print support functions.

High quality 9-color ink

Employs 9-color ink with sharp, beautiful black and color development that are both world-class.
Boasts high productivity from the high-capacity ink bottles and tanks that can handle continuous printing.

Supports maximum fabric width of 1,800 mm

Compact design, yet full support for necessary fabric widths.
Handles a wide variety of fabric types to allow for printing many different products.

1,800 mm
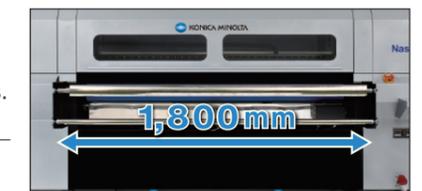
Inkjet textile printing friendly to the global environment

Inkjet textile printing systems are a global environmentally friendly printing technology. Compared to the older screen textile printing method, inkjet textile printing allows for savings in power consumption and significant reductions in waste and CO_2 emissions.