NASSENGER 8

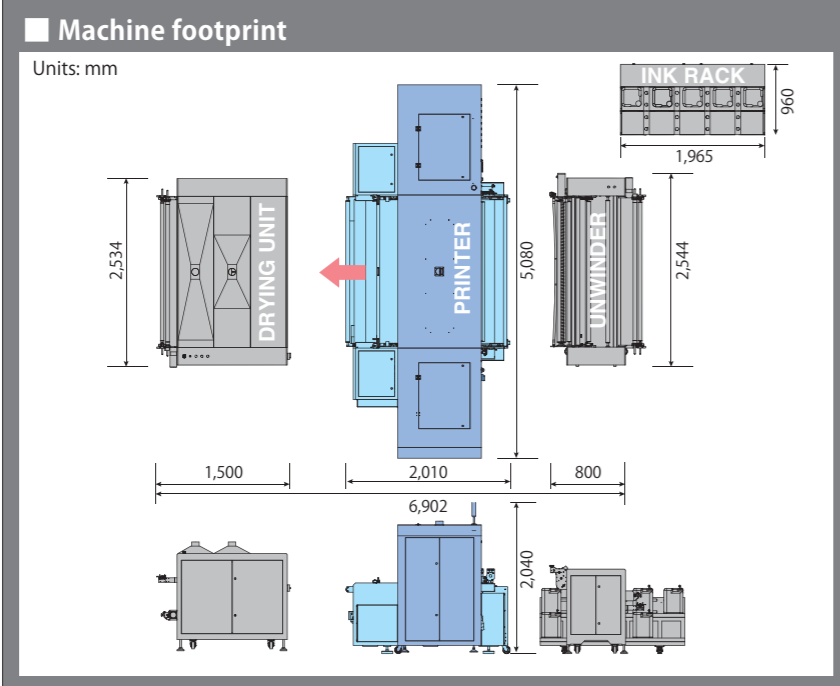**Our standard model suited for wide applications, from sample printing to small lot production**

- Utilizes high resolution and stable production functions that deliver a higher level of print quality.
- Offers diverse print modes able to flexibly handle tight deadlines and large or small output.
- Optimum choice for customers handling medium-sized lots and looking to enhance their digital textile printing business.

■ Diverse print modes

Print mode	Print speed
Draft	170～380m^2/h
Standard1	130～240m^2/h
Standard2	70～200m^2/h
Standard3	60～110m^2/h
Extra1	40～110m^2/h
Extra2	30～60m^2/h

NASSENGER 8 offers print modes to suit your diverse needs for handling tight deadlines, high precision imaging, and high ink concentration/ permeability.

■ Machine footprint

Units: mm

NASSENGER 10

■ Specifications

Product Name	NASSENGER 10
Technology	Drop on-demand piezo inkjet technology
Printhead	1024 nozzles water-based inkjet printhead x 8colors72pcs (max. 9colors81pcs)
Ink	Reactive dye ink TYPE-P　Yellow, Extra Magenta, Cyan, Black, Orange, Blue, Pink, Gray, Sky
	Disperse dye ink TYPE-S　Yellow, Magenta, Cyan, Black, Pink, Sky, Gray, Red, Violet
	Acid dye ink　Yellow, Magenta, Cyan, Black, Blue, Light Magenta, Orange, Light Cyan, Light Black
Printing Width	1,850mm
Maximum Fabric Thickness	8mm
Printing Mode	Draft　370～990m^2/h (with 8 colors)　360～980m^2/h (with 9 colors)
	Standard1　310～580m^2/h (with 8 colors)　300～570m^2/h (with 9 colors)
	Standard2　140～450m^2/h (with 8 colors)　140～440m^2/h (with 9 colors)
	Standard3　120～230m^2/h (with 8 colors)　120～230m^2/h (with 9 colors)
	Extra1　70～230m^2/h (with 8 colors)　70～230m^2/h (with 9 colors)
	Extra2　60～120m^2/h (with 8 colors)　60～120m^2/h (with 9 colors)
Operating Environment / humidity condition	Mechanical Operating Condition　5～30℃　40～70%RH
	Color certifing condition of reactive dye ink　20～28℃　40～70%RH
Dimensions(L × W × H)	Scan Unit　W 5,800 × D 2,020 × H 1,860 (mm)
	Transport Unit　W 2,600 × D 4,360 × H 1,140 (mm)
	Belt cleaning Unit　W 2,360 × D 783 × H 662 (mm)
Weight	Scan Unit　Approx. 1,800kg
	Transport Unit　Approx. 2,100kg
	Belt cleaning Unit　Approx. 300kg
Power supply	AC Single Phase 200-240V　60A (50/60Hz)

Details set out are current as of August 2015. The product specification is subject to change without prior notice.
NASSENGER 10 includes the printer itself and the ink rack. Unwinder, dryer, and rewinder are optional.

NASSENGER 8

■ Specifications

Product Name	NASSENGER 8	
Technology	Drop on-demand piezo inkjet technology	
Printhead	1024 nozzles water-based inkjet printhead	4 line head x 32pcs (max. 36pcs)
		2 line head x 16pcs (max. 18pcs)
Ink	Reactive dye ink TYPE-P　Yellow, Extra Magenta, Cyan, Black, Orange, Blue, Pink, Gray, Sky	
	Disperse dye ink TYPE-S　Yellow, Magenta, Cyan, Black, Pink, Sky, Gray, Red, Violet	
	Acid dye ink　Yellow, Magenta, Cyan, Black, Blue, Light Magenta, Orange, Light Cyan, Light Black	
Printing Width	1,850mm	
Maximum Fabric Thickness	15mm	
Printing Mode	Draft　170～380m^2/h (4line head)　90～240m^2/h (2line head)	
	Standard1　130～240m^2/h (4line head)　70～130m^2/h (2line head)	
	Standard2　70～200m^2/h (4line head)　40～110m^2/h (2line head)	
	Standard3　60～110m^2/h (4line head)　30～60m^2/h (2line head)	
	Extra1　40～110m^2/h (4line head)　20～60m^2/h (2line head)	
	Extra2　30～60m^2/h (4line head)　15～30m^2/h (2line head)	
Operating Environment / humidity condition	Mechanical Operating Condition　15～30℃　40～70%RH	
	Color certifing condition of reactive dye ink　20～28℃　40～70%RH	
Dimensions(L × W × H)	Print Unit　W 5,080 × D 2,010 × H 2,040 (mm)	
	Inkrack　W 960 × D 1,965 × H 762 (mm)	
	Unwinder　W 2,544 × D 800 × H 1,150 (mm)	
	Drier&Winder　W 2,534 × D 1,500 × H 1,480 (mm)	
Weight	Print Unit　Approx. 3,300kg	
	Inkrack　Approx. 170kg	
	Unwinder　Approx. 600kg	
	Drier&Winder　Approx. 270kg	
Power supply	Print Unit　AC Single Phase 200-240V　30A (50/60Hz)	
	Drier&Winder　AC Three Phase 380V 50A (50/60Hz)	

Details set out are current as of August 2015. The product specification is subject to change without prior notice.
NASSENGER 8 includes the printer itself and the ink rack. Unwinder, dryer, and rewinder are optional.

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NASSENGER 10
NASSENGER 8

High Resolution, High Output, & High Speed Scanning Textile Printer

Giving Shape to Ideas

NASSENGER 10

Full-Fledged High-Volume Model with Increased Speed and Design Reproducibility
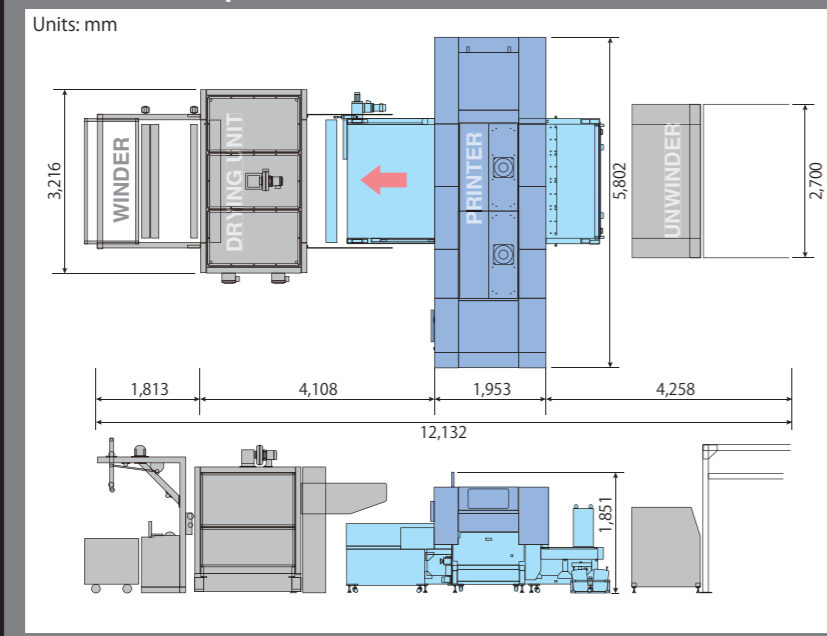
KONICA MINOLTA

NASSENGER 10

- High production capacity to handle loads produced by conventional flat screen textile printers.
- Offers diverse print modes to handle needs for volume production and high image quality.
- The optimal choice for customers handling large-lot print jobs requiring both quality and volume.

■ Diverse print modes

Print mode	Print speed (with 8 colors)
Draft	370〜990m²/h
Standard1	310〜580m²/h
Standard2	140〜450m²/h
Standard3	120〜230m²/h
Extra1	70〜230m²/h
Extra2	60〜120m²/h

NASSENGER 10 offers print modes to suit your diverse needs for handling tight deadlines, high precision imaging, and high ink concentration/permeability.

■ Machine footprint

Units: mm

WINDER　3,216

DRYING UNIT

PRINTER　5,802

UNWINDER　2,700

1,813　4,108　1,953　4,258

12,132

1,851

Increased Speed, Resolution, & Productivity
A high-performance printer pushing the evolution of digital textile printing.

Newly Developed Printhead for Unprecedented Detail

Equipped with a new inkjet printhead

Employs a new inkjethead developed by Konica Minolta, global supplier of inkjet printheads. NASSENGER 10 is equipped with 72 (81 as an extra option) 1,024-nozzle inkjet printheads, while NASSENGER 8 offers 32 (36 as an extra option).

Design performance with striking beauty

Design performance at an all new level thanks to flexible ink adjustments for small, medium, or large drop sizes, plus the ability to combine Konica Minolta's dark and light colored inks. Excellent gradation and detailed printing, as well as faithful and beautiful re-creation of intricate, contiguous geometrical and other designs that have previously been difficult to handle.

Precise, Fast, and User-Friendly Operation for Increased Productivity

Easy-to-read, easy-to-use UI & touch panel

Employs an intuitive wysiwyg user interface. The popular touch panel features straightforward and simple operation.

Easy Maintenance Design Further Increases Reliability

Access door & extra large window

Conveniently designed for easily checking head carriage movement and printing status. Smoothly handle errors and quickly replace components.

Thoroughly Developed Stability for Minimal Downtime

Misprint recovery

Empty nozzle compensation function and proprietary image processing technology tackle problems that previously could not be avoided even with scanning printing.

● Before correction　● After correction

Functions ensuring stable production

Equipped with head maintenance functions (printhead cleaning and empty nozzle detection systems). Achieves stable production and reduced running costs.

High Quality Ink for Flexible Color Re-creation

Vibrantly colorful Konica Minolta inks

8 colors standard (4 base + 2 special + 2 light colors) or 9 colors optional. Uses Konica Minolta's disperse-dye and reactive-dye inks with impressive color development. Optimally designed ink that maximizes printhead and printer functionality thanks to Konica Minolta's expertise as the only* supplier of inkjet printhead and printers in the digital textile printing market.
As of August 2015; research by Konica Minolta.

Safety & Environmental Performance

Clears various safety and environmental standards

The Nassenger series greatly reduces environmental burdens compared to conventional flat screen textile printers. In addition, Konica Minolta's reactive-dye ink has cleared requirements for GOTS (Global Organic Textile Standard) certification.