ARTRIX PRO

Your guide in digital printing exploration

d·gen

ARTRIX PRO

High developed fabric feeding system, equipped with fully automated tensioning and aligning devices

Very easy to print elastic fabrics with highest precision thanks to sticky belt system

Very powerful dryer suitable for wide varieties of fabrics

Pigment ink for all !

- Simple process, No washing and No steaming needed
- The color stays even with multiple washings thanks to strong adhesion to the textile fibers
- Suitable with wide range of applications are; Home décor, fashion, accessories and much more
- OEKO-TEX and GOTS certified

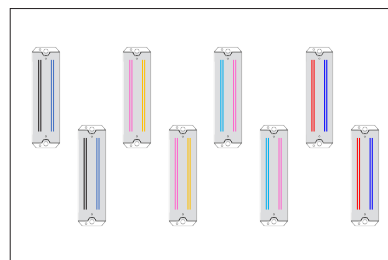| Ink model	PGX-5KR
Ink type	Pigment water-based inks
Available colors	Cyan, Magenta, Yellow, Black, Scarlet Red, Blue, Light Cyan and Light Magenta

Technical Specifications

Printing

Printhead	Ricoh Gen6 native 600 dpi, 5 pl per dot and 8 levels of grey scale, 35Khz speed		
Number of nozzles / printhead	1280 nozzles		

Modular system	M3	M4	M8
Number of printheads	3	4	8
Colors	6	8	8
Speed at 2 pass [m2/h] 600 X 600 dpi	79	76	133
Speed at 3 pass [m2/h] 600 X 900 dpi	55	52	96
Speed at 4 pass [m2/h] 600 X 1200 dpi	41	40	74
Speed at 6 pass [m2/h] 600 X 1800 dpi	28	27	51
Printhead positioning	1 row	1 row	2 rows

Media	
System	sticky belt
Roll size (printable width) [mm]	1800
Roll weight [Kg]	100 Kg (rubber band shaft)
	40Kg (media flange)
Roll diameter [mm]	350
Core diameter feeder [mm] [in]	convertible shaft 50.8 and 76.2 mm (2 and 3 inches)
Core diameter take-up [mm] [in]	2 shafts, 50.8 and 76.2 mm (2 and 3 inches)
Thickness [mm]	10 mm approx.

Fashion and home-decor	
Ink type	Pigment
Available colors	C, M, Y, K, Or, Bl, Lc, Lm, Sc, Gr
Media	Cotton, linen, wool, poly, viscose, polycotton and other blended fabrics
Main applications	Fashion, Home Textile, Accessories

Connectivity	
Interface	Gigabit Ethernet (1000Base-Tx)

Footprint	
Full set	4440 x 4253 (700 mm of spacing)

Total Av. Consumption [kW]	
Printer	3Ø AC 380V 14.9 A (9.8 kW)
Dryer (6heaters)	3Ø AC 220V 12.0 A (7.8 kW)
Full set	17.7 kW

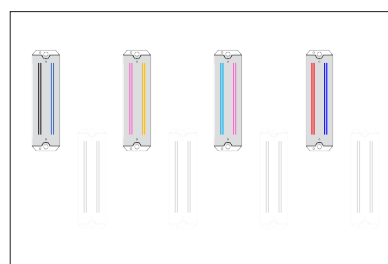* Speed measured at maximum printing width

Modular System

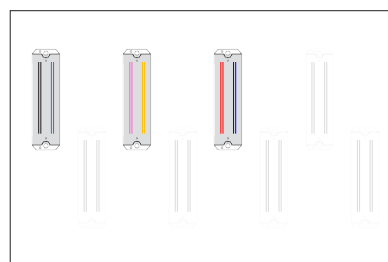Various options allow customers to optimize initial investment
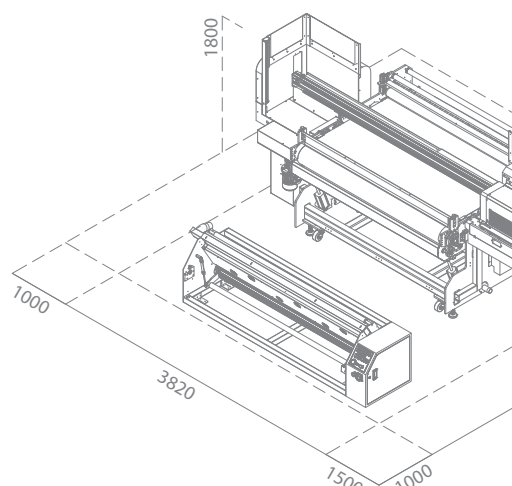
M8

8 Heads with 8 color

M4

4 Heads with 8 color

M3

3 Heads with 6 color

High Productivity and High Definition!

RICOH Gen6 Print Head

Productivity

- Maximum frequency of 50kHz
- Impressive flow rate

Quality

- 5pl droplet
- High jetting straightness

Durability

- Extremely durable industrial head

Powerful In-line Dryer
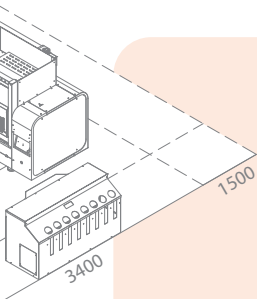
Extended 6 lines of heating lamps

Adjustable dancing-bar pressure thanks to pneumatic piston system

Fume extraction unit

ARTRIX PRO

1500

3400

Direct To Fabric easier than ever!!!

1 Degassing System

Great head performance, save ink and improved productivity.

2 Smart Press Roller

Stable media feeding is possible by setting proper pressure on each media type.
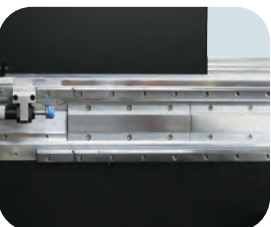
3 Easy Access to Washing Unit

Automated washing unit will keep Sticky Belt in the best condition. Wide open space allows easy access to the brush.

4 Versatile Media Feeding

Multiple options to load various types of media thanks to automatic edge detection sensor, pneumatic clutch and much more.

5 Metal Optical Encoder & Magnetic Linear Motion

Superb high printing quality thanks to precise metal optical scale and high resolution.

6 User Friendly Touch Screen

Operate all functions easily via user friendly touch screen.

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Stylish, Creative & Green Planet

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