HYBRID FULLY AUTOMATED ALL-IN-ONE DIGITAL PRINTING PLATFORM - WORKHORSE
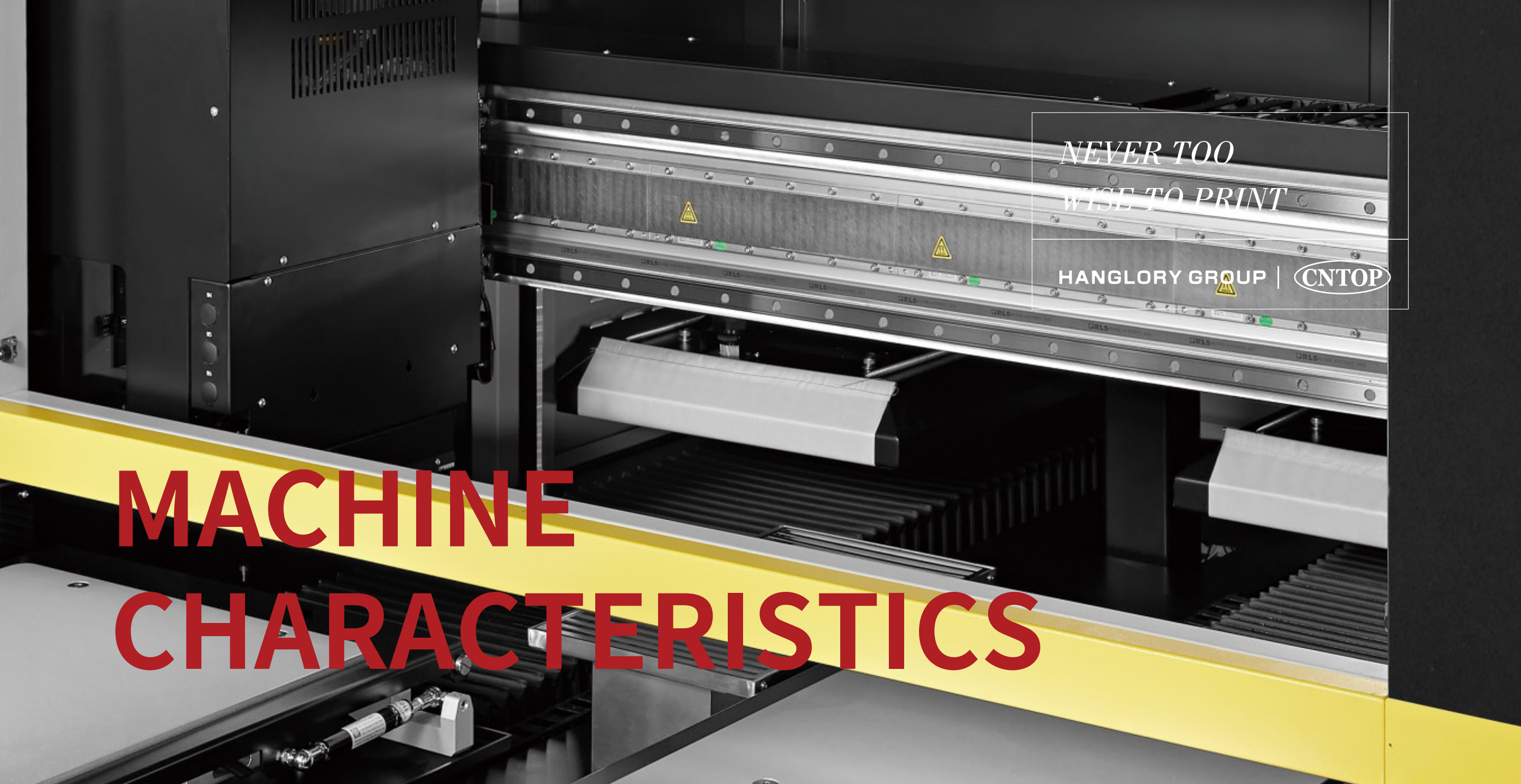
WorkHorse Ricoh

WorkHorse Kyocera

WorkHorse Ricoh (White)

FEATURES

- Key Features: Achieve higher production capacity, delivering 420pcs/h or more.

- Flexible digital garment printing solutions including Ricoh color, Kyocera color, and Ricoh white.
  Ricoh color: Available in 4 and 6 color conögurations. Achieve higher motion accuracy and stability.
  Kyocera color: 4 and 6 color conögurations, offering 5pl three-level grayscale printing for finer images and high efficiency.
  Ricoh white: A rare Ricoh white ink direct printing solution, combined with independent color inkjet, ensuring high productivity and precision compatibility

- Print with a high resolution of 600x1800 DPI or more, and print wide formats up to 860x680 mm, achieving high-quality large-format printing.

- Streamlined digital printing process with seamless compatibility with all Oval units.

- Utilize professional digital textile ink for outstanding colorfastness and adaptability to a wide range of fabrics and inks.

- Intelligent printing supports automation upgrades for multiple or all processes, along with seamless ecosystem, multi machine setup, and IoT integration.

MACHINE CHARACTERISTICS

WORKHORSE

Software System:

• Supports ecosystem integration, multi-machine configurations, IoT devices, and anti-collision protection.
• Leading printing software and ink path control systems.
• Smart and visual job management.

After-Sales Service and Support:

• 24/7 online after-sales support, 365 days a year.
• Printing technology training available.
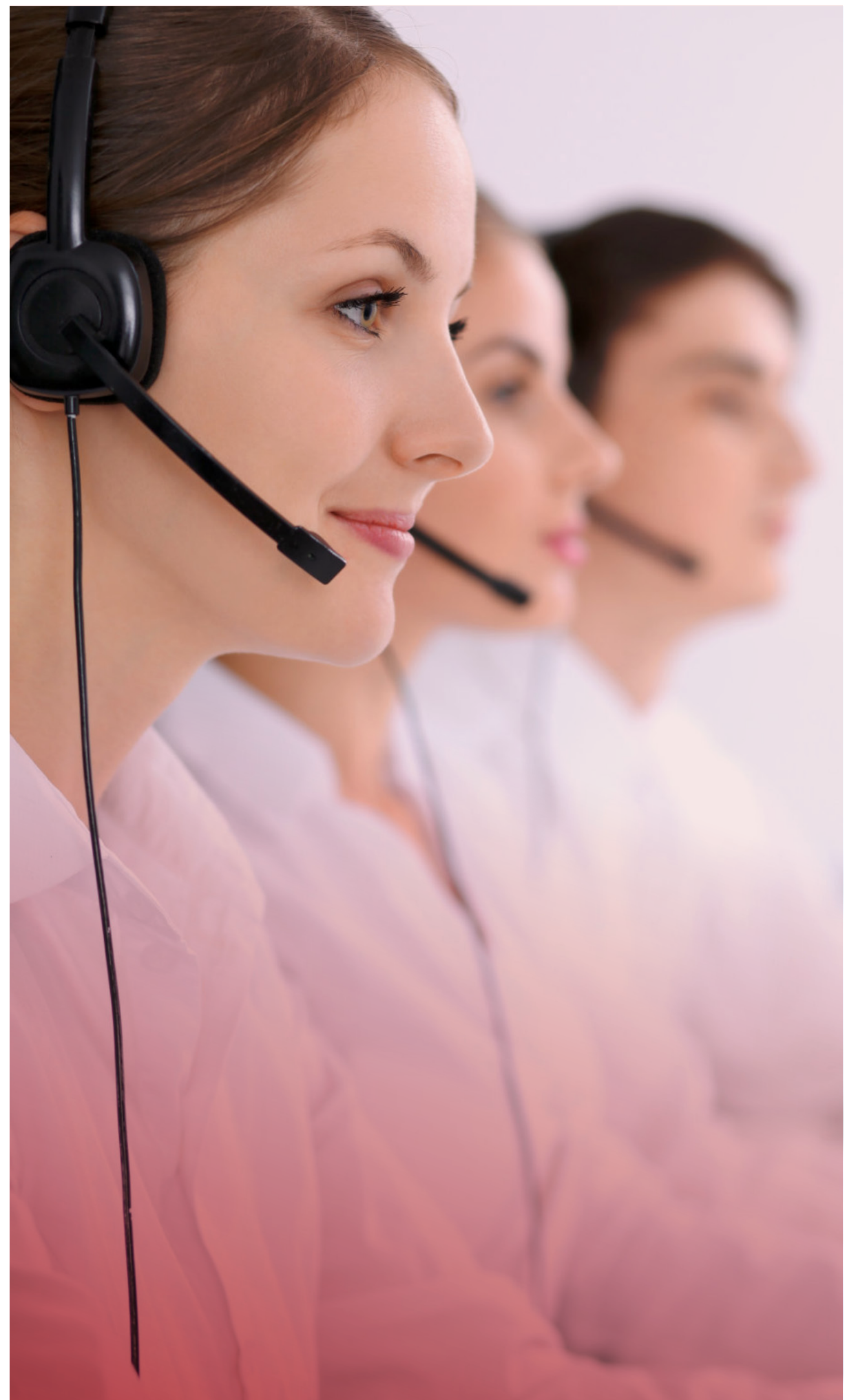• For more services and support, please visit http://www.hanglorygroup.com/

WORKHORSE

WorkHorse offers:

· Enhanced mechanical precision and speed.

· Versatile application solutions.

· High-resolution printing up to 600x1800 DPI and wider print formats up to 860x680 mm.

· Over a decade of professional experience in industrial printheads with numerous successful applications.

· Advanced ball screw selection and outstanding stepping precision.

· High-precision printhead base, allowing for flexible color matching and accommodating up to 6 colors.

· Extended inkjet stroke to meet large-format printing needs.

· Excellent air tightness and negative pressure performance.

· Spacious operating environment with a user-friendly maintenance platform.

SPECIFICATIONS

WorkHorse Ricoh   **WorkHorse Kyocera**   **WorkHorse Ricoh** (White)

Model	Configuration	Digital Direct-to-Garment Printing Solution	Digital Direct-to-Garment Printing Solution	Digital White Ink Direct-to-Garment Printing Solution		
Printing Mode	Production (A4)	420+Pcs/h (A4) (4 Pass)	510+Pcs/h (A4) (2 Pass)	420+Pcs/h (A4) (4 Pass)		
	Height	2-3 mm				
	Max.Printing Width	860x680 mm				
	Compatible Materials	Pure Cotton, High Cotton Blend Fabrics				
Print Head	Number of Print Heads	10 (4 Colors) / 15 (6 Colors)	12 (4 Colors) / 18 (6 Colors)	10个		
	Print Head Type	Kyocera, Ricoh				
	Resolution	2 PASS / 4PASS/6PASS	2PASS/3PASS	2 PASS / 4 PASS / 6 PASS		
		600x600 DPI / 600x1200 DPI	600x1200 DPI	600x600 DPI / 600x1200 DPI / 600x1800 DPI		
	Cleaning Method	Fully Automatic Cleaning System				
	Moisturizing Method	Non-contact Moisturizing				
Machine	Machine Dimensions	3287x1973x2192 mm (L x W x H)				
Ink	Ink Type	环保涂料墨水				
	Ink Colors	MKCY+GR	MKCY+GR	WWWW		
Software	Printing Mode	Various Processes Suitable for Oval and Digital, Combined with Processes				
	RIP Software	WorkHorse Specialized Software				
	Operating System	Windows10				
	Support	Production Management System, Multiple Machine Synchronization, IoT Device Integration, Anti-Collision Protection				
Working Environment	Environmental Temperature	20℃-25℃				
	Environmental Requirements	Independent, Clean, Low Dust, Low Light, Well-Ventilated Workspace				
	Relative Humidity	60%-70%				
	Power Supply	AC 380±10%/220 V±10% | 12 kW | 50/60 Hz				
	Compressed Air	0.6Mpa(Requires Drying and Filtering)				