THE NEXT STEP UP IN DIGITAL TEXTILE PRINTING

HUEGUSH

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technologies

# Everything is possible

High-end digital printing

The Huegush from TRISHIKA Technologies offers unsurpassed quality and value to textile printers who are taking the first step into digital production. It also offers a step up to high-performance, high-quality production for printers who wish to delelop their digital capabilities further. Huegush uses several printing modes and 16 or 32 Ricoh Gen 6 printheads with a resolution of 1200 dpi. Apart from ease, accuracy and productivity, Huegush offers flexibility and may be used with Reactive inks and different drying methods.

Save time, space and money

Digital printing has many benefits. It makes short-run, fast-turnaround jobs affordable for customers and profitable for printers. It eliminates screen preparation time and makes more time available for printing full production runs on scren printing lines.

Multitude of applications

Open creative possibilities with the wide range of natural fabrics, both knitted as well as woven. Blotches and gradations can be printed with intense colors and smoothness thanks to the variable dropsize technology combined with the unique, unrivalled native 1200 dpi resolution. This also allows the printing of very fine lines and geometric designs that no other digital printer on the market can match.

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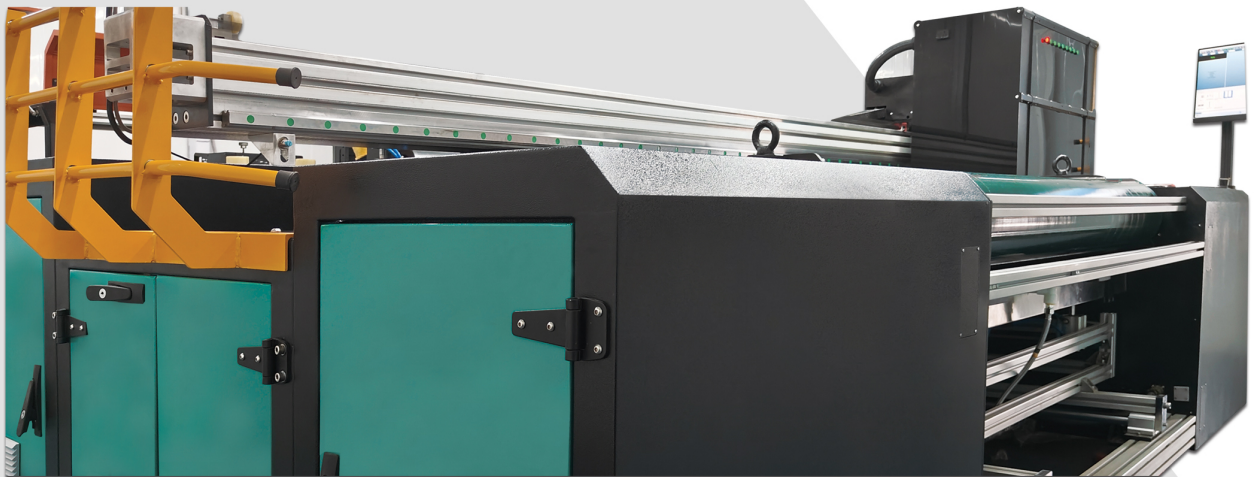
Engineered for performance

Full control in one integrated system

Huegush is a complete system, designed and engineered to make a complete solution. All elements are made to work together: printheads, inks, substrate conveyor, and dryer. With Huegush from TRISHIKA, configuring the right combination for your requirements is possible without compromising results.

Nova+Pro unrivalled image quality and long printhead life

The Huegush comes standard with the Nova+Pro waveform, which ensures perfect drop positioning on the fabric for flawless image quality without striping. The Inline placement of printheads ensures no light-dark color effet in bloch color printing, increasing print speed while preventing the "Soccerfield effect." Additionally, this system extends printhead lifespan and minimizes issues like misaligned or missing nozzles, ensuring optimal printing results.

End-to-end support of your business

With TRISHIKA you can access decades of experience in textile printing, right from the source. Our application support specialists are dedicated to help you explore new possibilities and will share everything there is to know to keep your Huegush in perfect condition. And when outstanding results matter, rely on TRISHIKA´ ink technology. Our performance inks are specially formulated to deliver optimum performance. Our inks guarantee unattended printing without nozzle blockages or print head failures while adhering to the highest standards and legislation on sustainability.

End-to-end control for quality output

The right balance of technology incorporated in Huegush, internationally recognized inks and our full support ensures end-to-end control for consistent high-quality output. Whereas Huegush is built to control high speed and high quality in two different configurations. The Huegush with 16 printheads is a great option for entering in digital printing, where the Huegush with 32 printheads is the preferred choice for high volume printing. A Huegush can be later upgraded at the customer site from 16 to 32 printheads. The combination of RICOH GEN 6 print heads and our specially formulated performance inks ensures excellent runnability and longer print head lifetime. Most importantly, you can count on strong and vivid colours at the lowest possible ink consumption.

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A closer look to inspiring details

Features	Description
Printing width	1800 mm
No. of PH	16 or 32
Print heads	Ricoh Gen 6
Ink	Reactive or Pigment
Colours	8
Environment Conditions	Room temperature 20 - 25°C
Printer Electronic	BYHX
Conveyor Cleaning System	3 Sponge roll, 1 brush roll, Fabric Supporting roll
Compressed Air	Consumption: 0.03m3/min
	Air pressure: 0.7Mpa
Print head gap	Up to 10 mm
Rip Supported	Neo Stampa
Power Supply & Electricity load	3 phase
Print modes /	
Production modes	

Huegush with 16H

Passes	DPI	Productivity (sq mtr)
1	600 * 600	220
2	600 * 1200	130

Huegush with 32H

Passes	DPI	Productivity (sq mtr)
1	600 * 600	400
2	600 * 1200	250

* Actual performance may depend on the specific type of system and application settings.

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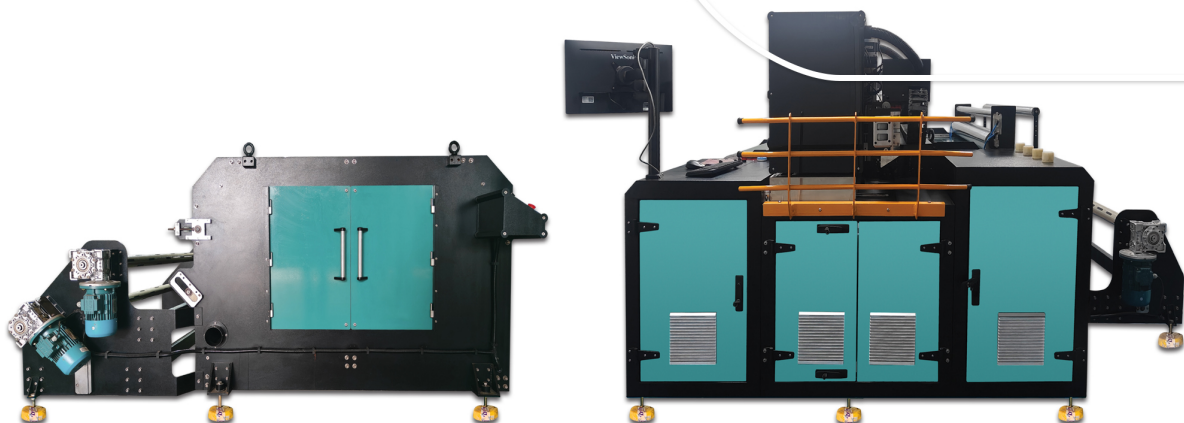
Designed for continuous production

Fabric infeed system

- Auto Fabric feeding ensure the fabric pasting easy on conveyour belt.
- Auto tensioning sensor to maintain constant tension throughout the length
- Multiple tensioning roller to control boing in fabric and ensure straight edges
- Guide supported Conveyor with adhesive keeps the fabric even and prevents creases while printing – achieving accurate printing results.
- Pneumatic controlled pressure roll ensure the fabric pasting even.
- Special Plateform to stand operator for his easy reach to handle the fabric feed.

Blanket cleaning system

- Equipped with brush roller and water jets to wash off the lint and excess inks on the blanket
- 3 Sponge roller to ensure removal of excess moisture
- Infrared belt dryer with hot air to dry the blanket completely and activate the adhesive on the blanket
- Extra adjustable Supporting fabric roll ensure removal of excess moisture in any condition.

Dryer

- Separate infrared dryer for rapid drying of printed ink on fabric
- Energy efficient radiation for reduced heat dissipation into the room
- Dryer with Hot air runs in diffrent 2 stages optional.

Ink system

- 10 litre ink tanks for long ink refilling cycles
- Latest degassing and bubble removing system to avoid printhead blockage during printing
- Inline ink filters for safety of printhead
- Ink refill during running
- Low ink warning for operator attention

PH Carriage Assembly

- With Anti carriage crash sensor to protect print heads
- Linear servo motor with magnetic drive helps Huegush to run without noise & performing as per market demand.
- Solid adjustable printer beem ensure more staibility of printer which helps to avoid vibration.
- PH carriage designed systematically by professionals to save time in case of maintainance.
- The unique Inline PH placement ensures NO ligh-dark color effect in bloch color printing, Please Note: Print sharpness comes always better on Inline system in comparison to staggered.

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Applications of Digital Textile printer Perfect for

Sarees

Suits and Dress Materials

Bed Sheets

Curtains and Upholstery

Why Choose Digital Textile Printing?

Unlimited Design Possibilities

Print detailed graphics, vibrant colors, photo-realistic images, and gradient effects with ease.

Low Minimums, High Flexibility

Ideal for customized pieces, boutique collections, and short runs without heavy setup costs.

Eco-Friendly

Consumes less water, fewer chemicals, and produces minimal waste compared to traditional methods.

Fast Turnaround

Quick sampling and production timelines help meet market trends and customer demands faster.

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Quick Notes

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Company Profile
2025

Welcome to TRISHIKA Technologies, your ultimate partner in the digital textile printing industry. As a new and innovative supplier, we specialize in offering cutting-edge digital textile printers, both new and refurbished, along with a full range of supporting products and services. Our goal is to empower businesses with advanced printing technology.

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