

XPD-924D DTF Printer



24" XPD-924D DTF Printer

The STS Inks XPD-924D 24-inch DTF Printer features staggered dual AccuFine HD printheads for enhanced productivity, delivering high-quality transfers with smooth gradations and fine lines. Designed for high-throughput production environments, it combines speed, precision and consistency in every print.

The XPD-924D features a built-in white ink circulation system that operates continuously, ensuring a stable ink flow. This reduces maintenance requirements, supports consistent output and contributes to increased uptime and profitability.

The XPD-924D includes Digital Factory RIP 12 Software, providing an optimal balance between productivity and image quality. Pre-installed, high-quality colour profiles matched to our inks and films enable a fast and reliable start of production.

Applications

From cotton and polyester to silk, denim, fleece, (synthetic) leather^(*), and 50/50 blends, there is virtually no fabric your customers can't decorate. Custom apparel like hoodies, t-shirts, and jackets, all produced with intricate, high-quality designs. Perfect for fashion brands, sportswear, workwear, uniforms, and more.

Beyond clothing, you can customise other promotional merchandise like bags, hats, cushion covers, and more.

^(*) Applications on synthetic leather and/or natural leather may require a dedicated TPU (Thermoplastic PolyUrethane) hot-melt adhesive powder.

Product Highlights

- **Heavy-duty aluminium rail system:** stable, precise printing at every speed
- **AccuFine HD printheads:** faster speeds with exceptional output quality
- **Incorporated front dryer:** faster ink dry times
- **Built-in sensors:** Automatic bi-directional and feed alignment
- **Internal LED lighting:** clear, unobstructed view during every run
- **Updated media feeding mechanism:** easy DTF film loading
- **Includes Mutoh Status Monitor (MSM):** records print history, job cost analysis and remote access



Cotton and Polyester



Denim



Fleece



Nylon



Specifications

| | |
|--------------------------|--|
| Printing method | Drop-on-demand Micro Piezo Inkjet Technology |
| Number of Print Heads | 2 AccuFine print heads (staggered) |
| Variable Head Height | 4 levels: 1.5 / 2.0 / 2.5 / 4.0 mm |
| Media Thicknesses | 0.3 / 0.8 / 1.3 / 2.8 mm |
| Resolutions | 1200 / 900 / 600 / 300 dpi |
| Max print resolution | 1200 x 1200 dpi |
| Media width | 635 mm - 25" |
| Media Capacity | Ø 150mm - 5.9" / core 2" & 3" |
| Roll media | Max. 30.0 kg - 66 lbs or less |
| Max printable width | 622.3 mm - 24.5" |
| Max print speed | 17.5 m ² /h |
| RIP Software | CADlink™ Digital Factory 12 |
| Interface | Gigabit-Ethernet (1000BASE-T) |
| Environmental conditions | |
| Temperature | 20 – 26 °C |
| Relative Humidity | 40 – 55 % RH |
| Power consumption | |
| Main | Operation status 70 W |
| Standby | 30 W or less |
| Inks | |
| Type | DTF |
| Ink set | 4 colour (CMYK), White |
| Ink Containers | 500 ml Direct to Film Inks Cartridge XPD |
| Dimensions (W x D x H) | 1795 x 895 x 1435 mm |
| Weight | |
| Body | 140 kg |
| Stand | 32 kg |

Features

- **High-speed production:** maximise efficiency with rapid print output
- **Cost-effective ownership & operation:** minimize costs while maximising performance
- **Durable transfers:** achieve longevity comparable to screen printing
- **Exceptional flexibility:** prints stretch and recover seamlessly
- **Versatile applications:** adheres to any fabric with ease
- **Fast heat press time:** Apply transfers in under 15 seconds

Performance that pays for itself

The XPD-924D is built to deliver maximum output at a minimum cost. Transfers deliver durability that rivals screen printing, with the flexibility to stretch and recover on any fabric without cracking, fading or peeling.

No pre-treatment. No complicated finishing. Load, print, and press in under 15 seconds.



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