

SHRD02XP05024A

## ROOSTER DTF XP600 2PH 5C – 24"



Industrial DTF Printers

Direct-to-Film Printing System (DTF)

**High-performance DTF printing technology:** advanced piezoelectric inkjet system engineered for professional Direct-to-Film applications.

**Dual printhead configuration:** equipped with 2 high-precision piezoelectric printheads, optimized for micro ink injection and ultra-detailed textile printing.

**CMYK + White high-opacity printing:** delivers vibrant colors, outstanding white coverage, and sharp definition for complex designs.

**Optimized production workflow:** multiple print modes (6-pass and 8-pass) delivering efficient output with consistent quality and productivity.

**Professional RIP software included:** advanced color management, white ink control, and optimized production workflow.

**Complete textile transfer solution:** compatible with PET film and DTF transfer materials, enabling application on cotton, polyester, and blended fabrics.

**Designed for industrial versatility:** ideal for fashion, promotional products, advertising, footwear, and textile customization.

## Printing Technology:

Digital piezoelectric inkjet printing system designed for high-quality DTF transfer applications.

## Print Head

Type: Piezoelectric  
Configuration: 2 print heads  
Technology: High-precision micro-injection for detailed and high-definition prints

## Ink Colors

Configuration: CMYK + White  
Capabilities:  
High color saturation  
Excellent white opacity  
Sharp detail reproduction

## Printing Modes & Productivity

### 6-Pass Mode

Speed: Up to 7 linear meters/hour  
Productivity:  $\approx 4.2 \text{ m}^2/\text{h}$

### 8-Pass Mode

Speed: Up to 6 linear meters/hour  
Productivity:  $\approx 3.5 \text{ m}^2/\text{h}$

**Speeds may vary depending on print type and resolution.**

## Print Area & Format

Maximum print width: 60 cm / 24 inches  
Compatible Materials  
Polyester film  
DTF transfer paper

**Compatible with transfer onto textiles using heat press.**

## Curing & Transfer System

External curing oven required (depending on configuration)  
Heating platen:  
Plotter: Included  
Oven: Not included  
Fume extractor:  
Included (external system)

## Software & Workflow

### Includes professional RIP software:

Advanced color management  
White ink layer control  
ICC profile optimization  
Production workflow management

## Applications

### Designed for:

Fashion & apparel  
Textile customization  
Advertising production  
Promotional products  
Footwear

## Electrical Requirements

Independent connections required:

1 x 220 VAC – Plotter  
1 x 220 VAC – Oven  
1 x 220 VAC – Fume extractor

## Power Consumption

Total system consumption: 4 kW

## Operating Conditions

### Recommended working environment:

Temperature: 18°C – 30°C (ajustado desde inconsistencia en PDF)  
Humidity: 35% – 65%

## Ink Monitoring System

Ink level sensors: Not included  
Manual monitoring recommended