

# FabPro Series

*Engineered In India, Built To Lead Globally.*



**Colorix**  
AN ORANGE COMPANY

Who

# WE ARE?

## *Leading the Future of Sustainable Digital Textile Printing*

Orange O Tec Pvt. Ltd., based in Surat, Gujarat, is a trusted provider of digital textile printing solutions. We deliver high-performance, Made-in-India printers designed for modern and sustainable fabric production.

With our in-house assembly line and a strong nationwide service network, we ensure not just advanced technology but also unmatched reliability, innovation, and long-term support.

Focused on innovation and efficiency, we're shaping the future of textile manufacturing where precision meets performance, and sustainability meets scale.

**600+**

Successful  
Installations

**15+**

Years of  
Experience

**140+**

Team  
Strength

**75+**

Dedicated Service  
Engineer



Key

# MILESTONES

**2011**

Orange O Tec was founded in Surat with a vision to revolutionize textile printing through digital technology.



**2015**

Sold India's first **Single Pass Digital Textile Printer** and 10th such printer in the world.



**2017**

First company in India to sell **100 industrial** textile printers.



**2019**

Introduced **MINI LARIO** the world's fastest scanning digital textile printer.



**2020**

Started selling **Worldwide** - Sourced digital printers under the brand "**Homer**".



**2021**

Achieved **₹100 crore** turnover in just **10 years**.



**2022**

Captured over **50% market share** in high-speed industrial sublimation textile printing.



**2023**

Started **in-house printer assembly** operations in India.



**2024**

- Installed **600+** printers across India
- Launched **Foiljet Textile Printer**
- Crossed **₹250+ Crore** turnover



**2025**

- Setting new **industry benchmarks** with our **Surat-based ink production** unit.
- Expanded manufacturing with a **20,000 sq. ft. assembly plant**.





Core

# FEATURES



## Efficient Ink Supply System

Sufficient ink supply to prevent ink starvation.



## Higher Mechanical Precision

The FAB Pro 1 achieves higher levels of mechanical precision compared to its predecessors.



## Integrated Feeding System

It can support up to 400 MM diameter roller.



## Wrinkle Controller System

High Precise Sensor prevent wrinkle coming from feeder system.



## Capping & Wiping System Used

To keep inks from drying in the print head & remove wastages.



## Precise X Motion

High precision guideway gives smooth running to the carriage without noise.



## Head Crash Protective System

To help protect the head from any obstruction during carriage movement.



## 5 Stage Squeeze System For Water Resistant

For easy belt wash & Jet cleaning, with no blockage due to lint or dust.



## Equipped With 8 Heads & 8 Colours

Comes with 8 Heads with 8 colours configuration.



## Linear Motor

For precise ink jetting at high speeds & smooth carriage movement.



## Dryer

The Dryer unit offers customizable temperature control system.



## Lapp Wire

The Lapp wire is being used in the complete control panel in printer.







## *FabPro 1i*

### PRINTING PARAMETERS

Print Head	• Water-based Ricoh Gen 6 print head
Print Head Qty (Dual Channel)	• 8 Heads <b>Printing Software</b> • neoStampa
Colour	• C, M, Y, K, O, R, B, G
Printing Mode	• Single / Bi-directional
Printing Resolution	• 600x600 dpi (2 pass)    • 600x900 dpi (3 pass)
Printing Speed (8 Heads)	• Up to 110 lm/hr      • Up to 80 lm/hr
Inks	• Reactive, Acid, Disperse
Ink Tank Capacity	• 15L

### MEDIA | TAKE-UP | DRYING

Media Type	• Cotton, Linen, Silk, Nylon, Polyester, Blended
Media Conveying	• Continuous belt conveying dedicated unwinder.
Max. Printing Width	• 1800 mm
Max. Blanket Width	• 1900 mm
Max. Media Width	• 1850 mm
Material Weight	• 30-450 g/m2
Max. Roll Diameter	• Standard roll: 400 mm
Max Roll Weight	• 200 Kg
Drying Mode (8 Heads)	• 1 belt + fins heater
Exhaust Treatment Electricity	• Compulsory Ventilation



**THK**  
The Mark of Linear Motion

**SKF**

**DYNAMECH**  
QUALITY. PERFORMANCE. INNOVATION.

**Forbo**

**OMRON**

**TRANSTECNO**

**Autonics**

**DELTA**

**RICOH**  
imagine. change.

**Nidec**

**HIWIN**

## ELECTRICITY, AIR AND WATER

Printer Voltage	• AC 220V-240V +- 10% Single phase   Printer (10KW)
Dryer Voltage	• AC 380V + 10% Three phase 25A (15.9 KW)
Compressed Air Supply	• 0.6 Mpa   3.5 M3/hr (Dry. No oil or water)

## ENVIRONMENTAL REQUIREMENT

Temperature	• 20-26°C (68-76°F)
Humidity Installation Dimension	• 55-65%
Dimension (L/W/H)	• Dryer: 9.7 x 7.7 x 4.7 Feet • Printer: 13.3 x 6.6 x 5.6 Feet
Installation Space Dimension	• 17.3 x 12.6 (L x W) <small>It is not the standard requirement for installation of the printer. Can have appropriate adjustment as per local space conditions.</small>

## WEIGHT

Printer Weight	• 2300 Kg	Dryer Weight	• 800 Kg
----------------	-----------	--------------	----------





## *FabPro 2i*

### PRINTING PARAMETERS

Print Head	• Ricoh print head
Print Head Qty (Dual Channel)	• 16 Heads    Printing Software    • neoStampa
Colour	• C, M, Y, K, O, R, B, G
Printing Mode	• Single / Bi-directional
Printing Resolution	• 600x600 dpi (2 pass)    • 600x900 dpi (3 pass)
Printing Speed (8 Heads)	• Up to 200 lm/hr    • Up to 150 lm/hr
Inks	• Reactive, Acid, Disperse
Ink Tank Capacity	• 15L

### MEDIA | TAKE-UP | DRYING

Media Type	• Cotton, Linen, Silk, Nylon, Polyester, Blended
Media Conveying	• Continuous belt conveying dedicated unwinder.
Max. Printing Width	• 1850 mm
Max. Blanket Width	• 1900 mm
Max. Media Width	• 1800 mm
Material Weight	• 30-450 g/m2
Max. Roll Diameter	• Standard roll: 400 mm
Max Roll Weight	• 200 Kg
Drying Mode (8 Heads)	• 1 belt + Dryer heated by Fins Heater
Exhaust Treatment Electricity	• Compulsory Ventilation



**THK**  
The Mark of Linear Motion

**SKF**

**DYNAMECH**  
QUALITY INTEGRATED MAINTENANCE

**forbo**

**OMRON**

**TRANSTECNO**

**Autonics**

**DELTA**

**RICOH**  
imagine. change.

**Nidec**

**HIWIN**

## ELECTRICITY, AIR AND WATER

Printer Voltage	• AC 220V - 240V +- 10% single phase   Printer (11KW)
Dryer Voltage	• AC 380V +- 10% Three phase (16KW)   440V Three Phase (5KW)
Compressed Air Supply	• 0.6 Mpa   3.5 M3/hr (Dry. no oil or water)

## ENVIRONMENTAL REQUIREMENT

Temperature	• 20-26°C (68-76°F)
Humidity Installation Dimension	• 55-65%
Dimension (L/W/H)	• Printer: 14.66 x 7.05 x 6.15 Feet • Dryer: 9.7 x 7.9 x 4.9 Feet
Installation Space Dimension	• 18.66 x 12.05 (L x W) <small>It is not the standard requirement for installation of the printer. Can have appropriate adjustment as per local space conditions.</small>

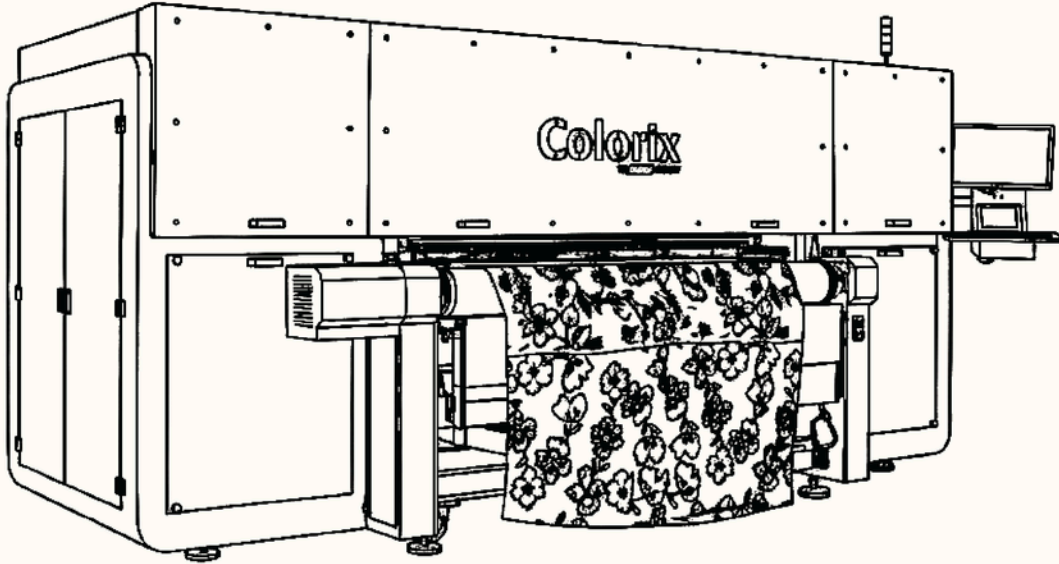
## WEIGHT

Printer Weight : 2.7 T    Package weight : 3.1 T    Dryer Weight : 1.2 T    Package weight : 1.5 T

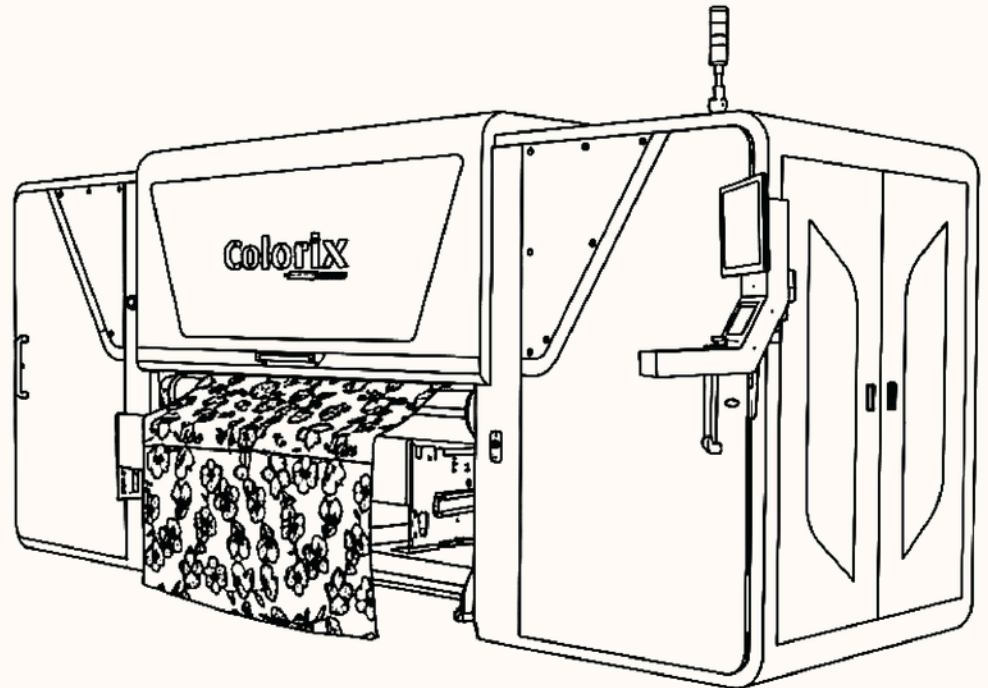


*Printing the Future of Fabric*

# MADE IN INDIA



FabPro 1i is a Made-in-India digital textile printer designed for speed, precision, and efficiency, offering reliable performance and consistent quality.



FabPro 2i is a high-performance, Made-in-India digital textile printer built for industrial speed, superior precision, and exceptional fabric versatility.



ORANGE

**Head Office :** Shed No:-A2/7111, Street No:-71, Road No: 7, Gate No:-01, Sachin G.I.D.C, Surat – 394230 (Guj) India.

**Other Locations :** Mumbai | Delhi | Noida | Bangalore | Tirupur | Ahmedabad

 +91 74900 43336

 [sales@orangeotec.com](mailto:sales@orangeotec.com)

 [www.orangeotec.com](http://www.orangeotec.com)