DTI Technology⁰

DTI TECHNOLOGY⁰
DIGITAL TRANSFER INNURO

Innur().

DTI I-606 PRO

INDEX

STAND OUT IT´S FINALLY POSSIBLE

The new system with DTI (Digital Transfer Innuro) technology is here to set a new benchmark in the textile customization and transfer market.

It is designed for professional clients and high-production businesses looking to stand out and offer something truly unique.

Achieves a superior garment result compared to DTG, Water-Based Screen Printing, or DTF.

Also suitable for DTF productions.
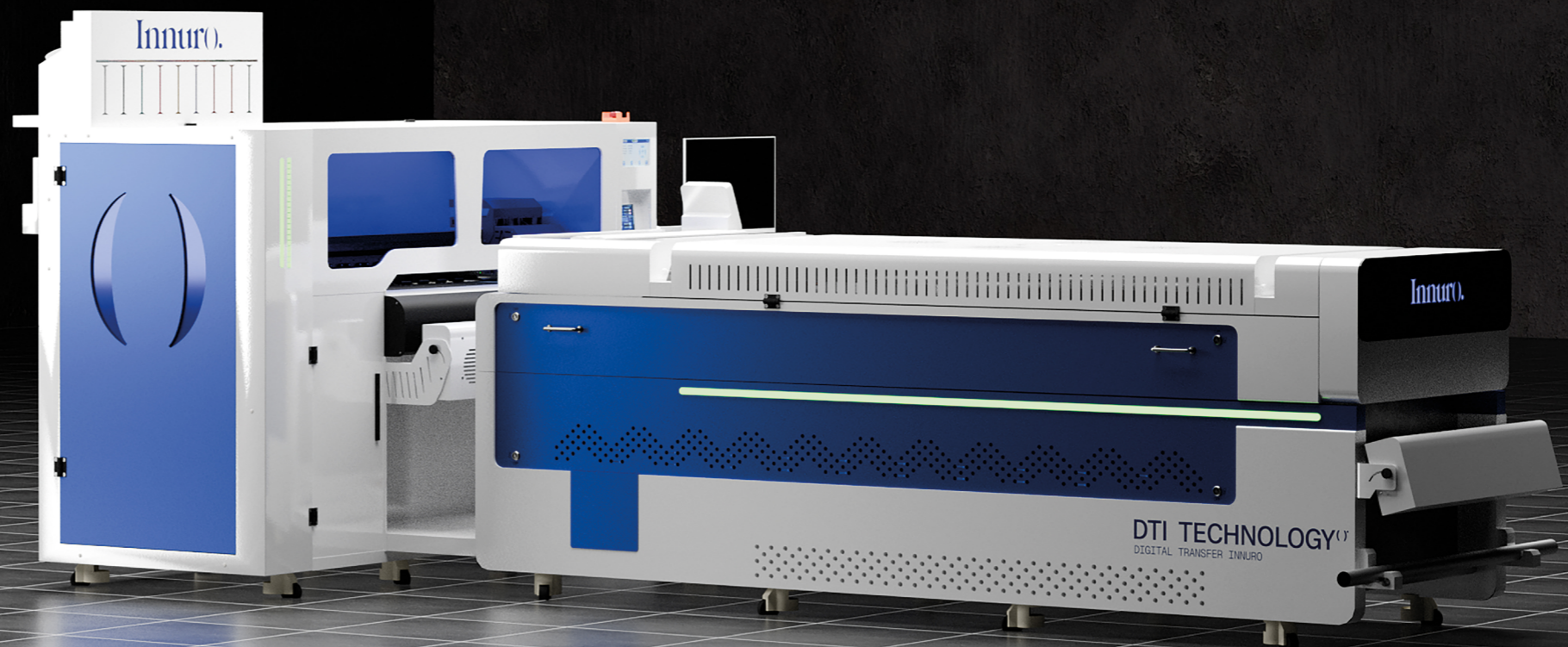
THE EVOLUTION OF DTF TECHNOLOGY

(1)

A UNIQUE GARMENT FINISH

01

Soft touch superior to DTG and water-based screen printing.

02

Perfect Transpirability.

03

Elongation up to 370%.

04

Resolution, Definition, Quality and Colorimetry never achieved before.

05

Print Details Impossible until now.

06

Get an Optical White.

07

8 colores (CMYK + W + RGBO).

08

Prints colors faithful to the original file on screen.

The "DTI I–606 PRO" solution incorporates the DTI "Digital Transfer Innuro". A new, exclusive and revolutionary technology developed by Innuro, managed by its own software connected to the machine and based on the"Direct To Film" for the reproduction of digital textile transfers never achieved until now.

(2)

MAXIMIZE THE AUTOMATION AND SCALABILITY OF YOUR BUSINESS

01

Managed in just a few clicks.

02

Configure multiple machines guaranteeing the same color, quality and final result in all of them.

03

Works without software or intermediate processes.

04

Porcess individual images or folders with multiple files.

05

Multiple machines can be managed by 1 operator.

06

Porcess files and send them to print from anywhere.

07

Automatically use the t-shirt background colors in your designs. White, Black, Blue, Green, Light Blue, Red and Yellow Garments.

08

DTI "Print&Cut" - Automatically adds cut marks and perimeter, eliminating manual cutting.

08

Configurable as a Web2Print solution.

(3)

INCREASES QUALITY AND PRODUCTIVITY, REDUCING PRODUCTION COST

01

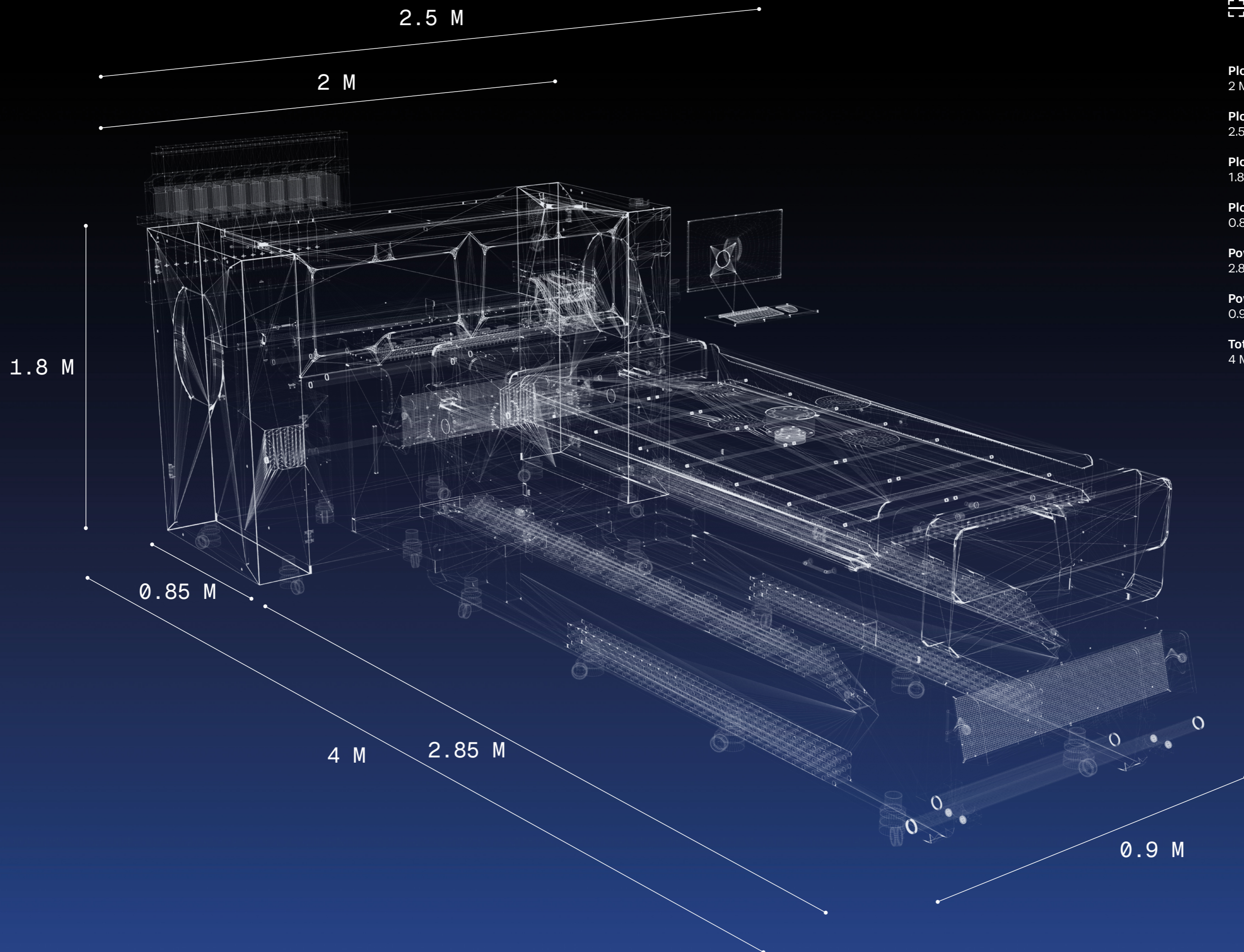Up to 50% savings on ink.

02

Increase your production by 30%-40% without losing quality.

03

Increases resolution, definition and print quality.

04

Improves and fixes deficiencies in non-printable low resolution files.

2.5 M

2 M

1.8 M

0.85 M

4 M

2.85 M

0.9 M

Plotter Width
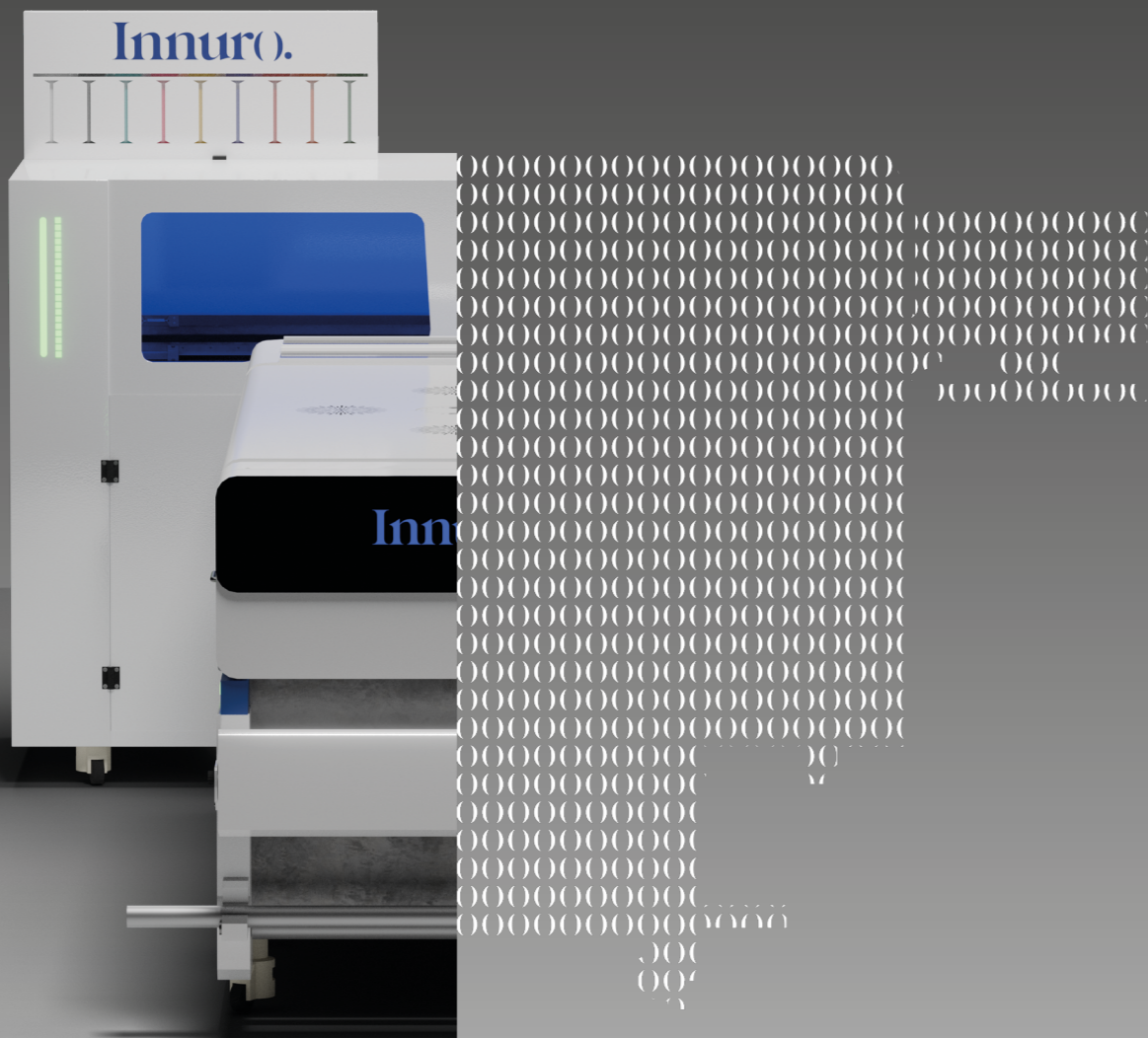2 Meters

Plotter + Computer Width
2.5 Meters

Plotter Height
1.8 Meters

Plotter Side Width
0.85 Meters

Powder and Drying Unit Length
2.85 Meters

Powder and Drying Unit Width
0.9 Meters

Total Machine Length
4 Meters

⬡ | TECHNICAL SPECIFICATIONS

Printing Width

60cm

(60 cm rolls upt o 250 m long)

Printing Technology

DTI+DTF

DTI TECHNOLOGY &D TF (both)
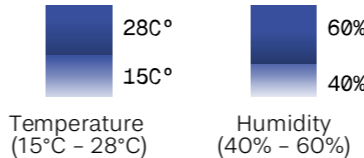
Power/Electrical Consumption

2000W

Purifier
Schuko Connection

2500W

Plotter
2 Schuko Connections

200V | 4800W

Powder and Drying Unit
22 Amp Single-Phase Connection

Working Environment

28C°
15C°
60%
40%

Temperature (15°C – 28°C)
Humidity (40% – 60%)

Weight(kg)

530kg — Powder and Drying Unit
390kg — Plotter
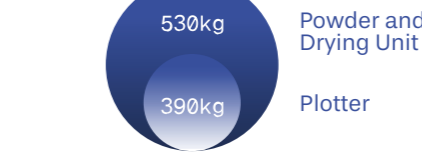
⬚ | OPTIONS

4 Color Printing (CMYK)

Options	Production
4 Printheads	**25** lm/h
Epson I3200 Precision Core	25 linear meters/hour
2 CMYK + 2 White	

Options	Production
6 Printheads	**45** lm/h
Epson I3200 Precision Core	45 linear meters/hour
3 CMYK + 3 White	

8 Color Printing (CMYK+ RGBO)

Options	Production
3 Printheads	**14** lm/h
Epson I3200 Precision Core	14 linear meters/hour
CMYK + White + RGBO	

Options	Production
6 Printheads	**30** lm/h
Epson I3200 Precision Core	30 linear meters/hour
2 CMYK + 2 White + 2 RGBO	

PLOTTER

POWDER AND DRYING UNIT

(1)

DIFFERENT PARTS OF THE PLOTTER AND THEIR FEATURES

FirmWare

↘ Equipped with 2 LCD touchscreen displays that allow viewing and managing all machine parameters/ configurations and its status.

Unique Printhead Carriage

↘ Innuro has developed an innovative printhead carriage which allows a perfect and precise printhead adjustment.
↘ Achieve a unique quality increasing your productivity, avoiding ink smudges and noise in the printing design.

01

Plotter

02

Plotter

High-Capacity Ink Tanks

↘ Equipped with 3 liter capacity ink tanks.
↘ Increases capacity and unattended production while reducing time losses and operational costs.

Ink Level Alarm

↘ The LCD touchscreen display shows the remaining ink levels per color and notifies when ink needs to be replenished. It also includes both visual and audible alarms.

03

Plotter

04

Plotter

Innuro Degassing System

↘ It includes 3 degassing lines. One per each white printhead.
↘ It eliminated the air from the circuit, avoiding issues and improving printhead performance achieving a faster production speed.

Antistatic System

↘ It includes 2 antistatic modules in the printing carriage.
↘ Eliminates film static, allows production at maximum quality with continuous tones and avoids banding and ghost effect.

05

Plotter

06

Plotter

(11)

PLOTTER

POWDER AND DRYING UNIT

Dryer - Infrared Heater

↘ Adjustable digital infrared heater with ventilation at the plotter exit.

↘ It allows perfect pre-drying of the ink, essential for an optimal and high-quality final result.

↘ It adapts to the environmental conditions of each customer and corrects temperature variations depending on each season.

Film End Detection Sensor

↘ Motion sensor system which controls the film roll progress. It detects the end of the film roll and prevents production issues by stopping the printing process automatically.

↘ Prevents ink pooling which could damage the machine and prints causing high extra costs.

07

Plotter

08

Plotter

Control Printing Process Remotely

↘ An integrated LED light bar indicates the printing progress at all times.
↘ It allows the operator to monitor multiple machines at the same time and know when to collect and send more printing jobs.

Control the Status of your machines

↘ Control the status of one or multiple machines in line and remotely through a 3 LED light system: Green, Yellow and Red.
↘ The operator is always informed if everything everything is running smoothly, which machine needs ink, powder or film replacement and if there is any minor or major issue, allowing timely intervention.

09

Plotter

10

Plotter

(13)

Automatic Maintenance System

↘ Automatically configures the number of daily printhead cleanings, their duration and the type of cleaning: Strong, Medium or Light.

Workplace Safety System

↘ Prevents workplace hazards by automatically pausing the printing process when it detects the plotter cover is opened.

11

Plotter

12

Plotter

POWDER AND DRYING UNIT

Plotter-Oven Connection System

↘ Union Kit which connects the Plotter and Oven forming a single Unit.

↘ Ensures a perfect alignment and stability throughout the entire production process. Avoids any incident, movement deviation of the material and printing point.

(2)

13

Plotter

DIFFERENT PARTS OF THE POWDER AND DRYING UNIT AND THEIR FEATURES

Automatic Film Feeding System

↘ Automatically loads the printed film into the powder and drying unit, eliminating the manual process, film waste, and the risk of operator handling.

Powder Level Alarm

↘ Powder level warning system through audible alarm and a Led lights system.

01

Powder and
Drying Unit

02

Powder and
Drying Unit

(16)

Inlet and Outlet Vacuum Suction System

↘ Inlet and Outlet Vacuum Suction system to guarantee perfect alignment and fixation of the film throughout the whole production process.

↘ It prevents from violent film pulling after printing, protecting the final prints from damage.

Remotely Monitor the Status

↘ Monitor the status of one or multiple units online or remotely with our 3-Led Light System: Green, Yellow, Red.

↘ The operator is always informed if everything is running smoothly, which units needs powder, and if there any minor or major issue, allowing timely intervention.

03

Powder and Drying Unit

04

Powder and Drying Unit

New Liquid evacuation System

↘ It includes a drainage and evacuation system for liquids generated during production, channeling them to a separate waste tank.
↘ This prevents issues with electronics and other components.

Workplace Safety System

↘ Prevents workplace hazards by automatically pausing the dispensers, heaters, and powder agitators when it detects the cover is opened.

05

Powder and
Drying Unit

06

Powder and
Drying Unit

Film Exit Guide Tray

↘ Guides the film from the oven exit to the roll–by–roll collection unit.

↘ Avoids wrinkles, folds, deviations or any incident in the film before being collected.

Built-in Industrial Purifier

↘ Includes a professional and industrial system for extracting and purifying water vapor and oil generated during production.

↘ It prevents humidity nd residues in the print, ensuring a perfect and highly durable transfer.

07

Powder and Drying Unit

08

Powder and Drying Unit
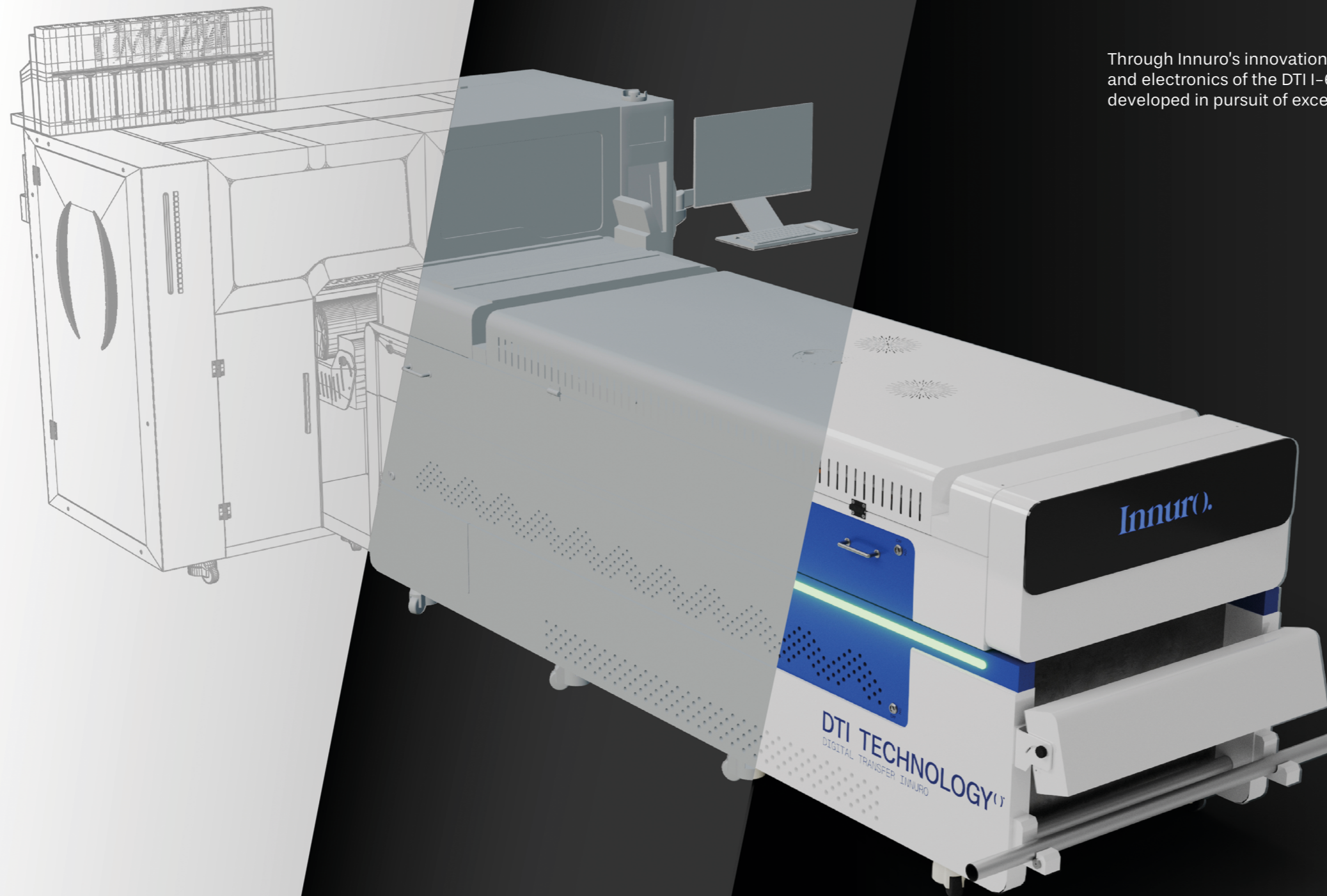
PLOTTER

POWDER AND DRYING UNIT

Film End Sensor

09

Powder and
Drying Unit

DESIGN, MECHANISM AND ELECTRONICS 100% INNURO

Through Innuro's innovation and engineering, the aesthetics, mechanics, and electronics of the DTI I-606 PRO have been meticulously designed and developed in pursuit of excellence.

We Evolve
We Innovate

Innuro.