DUAL 1900

Modular Electric Dryers with Forced Hot Air

Main Application: DTG Digital Printing - Industrial production

code: **1390043**

Production: Water-based Digital Ink – A4 print size on T-shirt

3 minutes curing time:	450 pieces/h
4 minutes curing time:	340 pieces/h
5 minutes curing time:	270 pieces/h
6 minutes curing time:	230 pieces/h

Data may change according to fabric material, drying area size and ink curing requirements.

colored touchscreen Lcd, easy and interactive design, time and temperature control, technical working parameters, electrical and heating failure reports automatic cooling off and shutdown

air cooled electrical cabinet, light indicator tower, circuit breakers for safe reset

integrated high performance exhaust fumes extracor

exhaust hood with air flow valve and shutter

inspection panels, metallic filters, easy to access

adjustable height of the belt between 30 to110mm

automatic centering device for the conveyor belt

roller on adaptable bearings, maintenance free electric motor, optical speed controller

high yield, low noise, reverse blades

Teflon coated fiberglass double belt conveyor, heat resistant and heavy duty

adaptable casters with brake

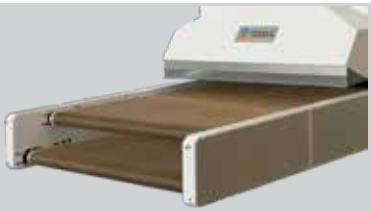
heavily insulated mineral wool fiber structure, cooler workplace and reduced power consumption

anodized aluminium strut bar for structural strength and lightness

high volume heat chamber enhanced airflow convection system

Single conveyor belt

Basic configuration



Returning conveyor belt

Load and unload in the same position, available as optiona

Double conveyor belt

Cure with different time simultaneously

TECHNICAL DATA	DUAL 1900
Power Supply	400V 3P+PE (208V/230V with optional autotrasformer)
Power Consumption[1]	29 kW - 42A
Max Temperature	180°C
Exhaust Specification	180 m³/h - Ø 150 mm
Tunnel Length	2000 mm
Belt Width [mm]	1900
Production[2] (light-dark)	320 - 200 capi/h
Dimension[3] (LxWxH)[mm]	4150 x 2200 x 2170
Shipping Weight[3]	1020 kg

[1] Max Power consumption during first heating cycle. Working consumption is about 60% of max value, depending on environmental conditions.

[2] Production of L size T-shirts with A4 size DTG print - 4 minutes curing time for light garments - 6 minutes curing time for dark garments. Production data consider the loading side by side of 1 product for 600mm belt, 2 for 950mm, 3 for 1200mm and 4 for 1900mm belt.

[3] Dimension and Weight can change accordingly to inlet/outlet extensions or installed optionals.

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DUAL 1900

Hot Air | DTG Printing | Screen Printing | Pad Printing | Embroidery Gauze

code: **1390043**

FEATURES AND ADVANTAGES

• **Specifically designed to cure and dry digital printing on fabrics,** the massive advantage of this Dryer is the high volume of forced air circulation: this facilitates and accelerates the evaporation of water-based digital inks with unmatched results on the finished garment in medium-long drying process.

• **In the heat chamber the temperature is uniform and constant on both sides and the center**, adjusted by a precise thermostat and by a long lasting static relay control system; in this manner the temperature never exceeds the set value, preventing damage even to the most delicate fabrics.

• **Heavily insulated mineral-wool fiber structure** results in a cooler workplace and cool to the touch external skin. Remarkably it reduces both power consumption and heat dissipation.

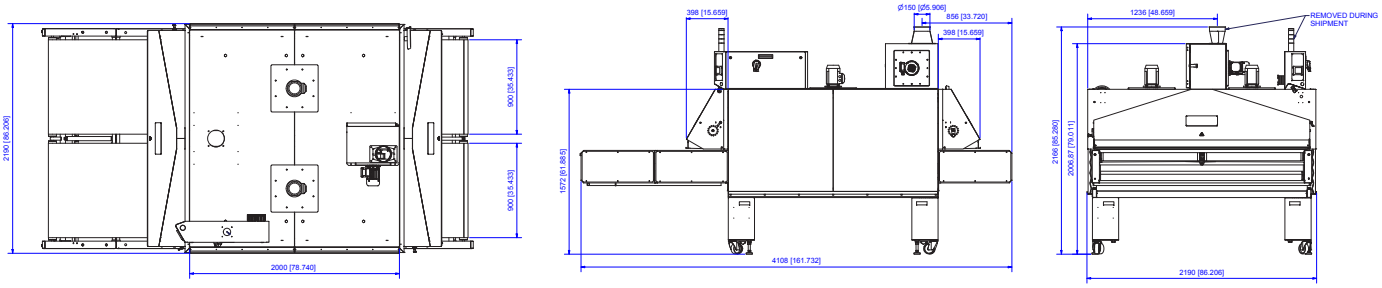
• **The returning belt conveyor** allows the operator to work without having to change his position; the belt conveyor below works at lower temperatures; this improves curing quality and at the same time allows the operator to touch the printed garment without burning risk.

• **The double belt conveyor configuration allows to operate simultaneously with two independent curing time**. Each belt has its own speed control to be adjusted in relation to the ink or garment need.

• **The air exchange is adjusted to discharge steam and promote high volume air circulation.** This enanched airflow convection system is designed on purpose and employs high yeld low noise reverse blades.

• **Speed, Time and Temperature control are processed digitally for precise and fast adjustments.** The automatic cooling off and shutdown can be set on demand to suit different working necessities; dryer technical parameters, real-time energy consumption and alarm notifications are clearly displayed.

• **The Optional Cooling Hood at the outfeed of the Dryer** is an effective cooling system to protect both the operator and delicate products from high temperatures, after the drying process has ended.



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