

Main Application: Digital Printing

## DUAL 1900

Max Temperature: 200°C

Drying Area: 2000x1900 mm

**Production:** Water-based Digital Ink – A4 print size on T-shirt – Data may change according to fabric material, drying area size and ink curing requirements.

3 minutes curing time: 380 pieces/h  
5 minutes curing time: 270 pieces/h



The Tetris gamma is a new generation of dryers, built and designed with almost 40 years of experience for long lasting and high quality machines, proudly produced in Italy.

The latest Lcd control panel has an easy and interactive interface design: time and temperature control are both processed digitally for precise and fast adjustments; the automatic cooling off and shutdown can be set to suit different working necessities; dryer internal technical parameters are also displayed.

The entire machine is protected with circuit breakers and thermostats to prevent electrical and heating failures: the digital control panel has also a detailed alarm history chart to improve the safety and the maintenance for extended working periods.



forced  
hot air  
ventilation



temperature  
control  
up to 200°C



structure  
heavily  
insulated



power  
consumption  
minimized

Technische Daten	DUAL 1900 Plus	DUAL 1900 Plus
Förderband	side by side	up-down
Art.-Nr.	1390043	1390014
Anschluss	400 V 3P + PE / 42 A	400 V 3P + PE / 42 A
Absaugung	180 m <sup>3</sup> /h Ø 150 mm	180 m <sup>3</sup> /h Ø 150 mm
Max. Temperatur	200 °C	200 °C
Leistung	28 kW	28 kW
Breite Förderband	2 x 950 mm	1900 mm
Länge Fördersystem	2000 mm	2000 mm
Durchsatz pro/Std*	380 Stück	380 Stück
Größe mm (LxBxH)**	4100x2200x2250	4100x2200x2250
Versandgewicht	1300 kg	1300kg

\* Produktion eines Shirt bei einer Druckgröße von A4 - 3 Minuten Trocknungszeit

\*\* Abmessungen können je nach Konfiguration variieren (abhängig von Zu- und Auslauf-Erweiterungen)

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## FEATURES AND ADVANTAGES

- **Specifically designed to cure and dry digital printing on fabrics**, the massive advantage of these dryers 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. The air exchange is adjusted to discharge steam and promote high volume air circulation. This enhanced airflow convection system is designed on purpose and employs high yield low noise reverse blades. Outflow nozzles direct the air onto the product perpendicularly and at high speed. Filters on each blower fan achieve an efficient and low maintenance working process.
- **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 of about 10-15°C: 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 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.



single belt conveyor



double belt conveyor  
side by side



double returning  
belt conveyor

