

Main Application: DTG & Screen Printing

The Newest Gas Dryer on the Market

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Max Temperature: 200°C

Drying Area: 4000x1800 mm

Curing Time	Production
3 minutes:	700 pieces/h
4 minutes:	550 pieces/h
5 minutes:	440 pieces/h
6 minutes:	360 pieces/h

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



FEATURES AND ADVANTAGES

“Griff” is the tunnel dryer with the highest air circulation of its class .

- **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.** The temperature is regulated by a precision thermostat that drives a modulating premixed burner. The burner is always active and its intensity varies in function of power demand to minimize energy consumption; 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.
- **The exhaust fumes extractor is integrated** at the exit of the tunnel and it is calibrated to expel water vapor and combustion fumes, thanks to the enhanced airflow that generates. The tunnel passage height is 130 mm, sufficient for the vast majority of products. It is possible to lift the upper section electronically to easily perform the internal cleaning of the dryer.
- **The upper section of the Dryer can be open electrically** to easily perform maintenance or inspections inside the tunnel. 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 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.

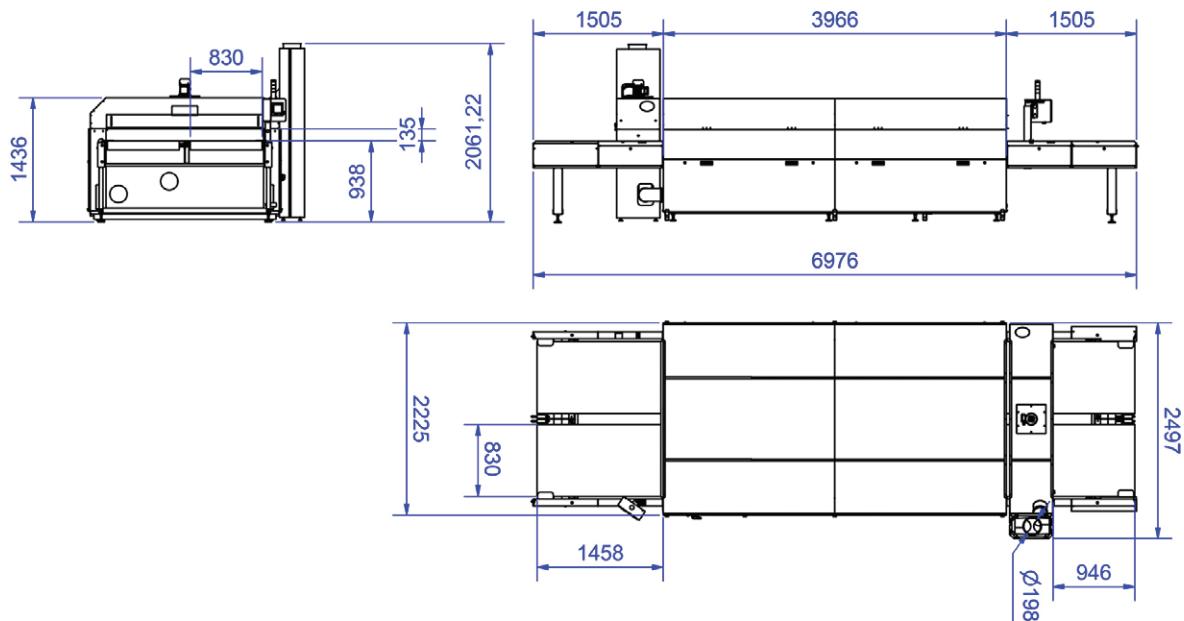
INNOVATIVE: The internal frame, airflow system and insulation panels have been completely re-design, after several years of research and development on the FAHRENHEIT Gas Dryer, to achieve the highest and most efficient forced airflow.

COMPACT: The heating chamber is 4 meters long with an overall length of less than 7 meters. Belt width ranges from 1440 and 1800 mm, including the 2x900mm side by side belt configuration. It is the most compact Gas Dryer in the mass production DTG family.

EFFICIENT: Thanks to the newest technical improvement on the heavily insulated panels, the energy consumption is minimized and the time to reach working temperature is drastically reduced.



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**forced
hot air
ventilation**



**temperature
control
up to 200°C**



**structure
heavily
insulated**



**power
consumption
minimized**

Technische Daten	Griff 4180	Griff 4180
Förderband	1 Band	side by side
Art.-Nr.	1380003	1380011
Anschluss	400 V 3P + N + PE / 4,8 A	400 V 3P + N + PE / 4,8 A
Absaugung	1500 m ³ /h - \varnothing 200 mm	1500 m ³ /h - \varnothing 200 mm
Max. Temperatur	200 °C	200 °C
Leistung	2,5 kW	2,5 kW
Breite Förderband	1800 mm	2 x 900 mm
Länge Fördersystem	4000 mm	4000 mm
Durchsatz pro/Std. ^{1,2} (hell-dunkel)	640 - 420 Stück	640 - 420 Stück
Größe mm (LxBxH) ³	7000x2475x2100	7000x2475x2100
Versandgewicht	ca. 2000 kg	ca. 2000 kg

^{1,2} Produktion eines Shirt bei einer Druckgröße von A4 - 4 Minuten Trocknungszeit bei hellen Textilien, 6 Minuten Trocknungszeit bei dunklen Textilien

³ Abmessungen können je nach Konfiguration variieren (abhängig von Zu- und Auslauf-Erweiterungen)