

TANDEM 950

Modular Electric Dryers with Forced Hot Air
Main Application: DTG Digital Printing - Industrial production

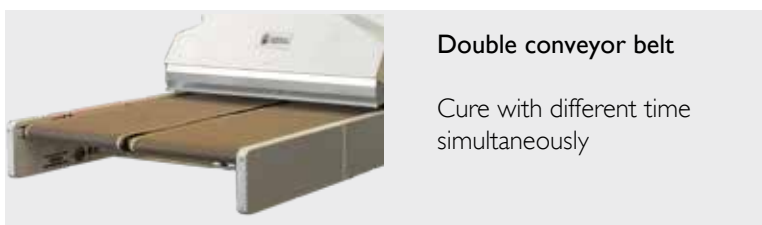
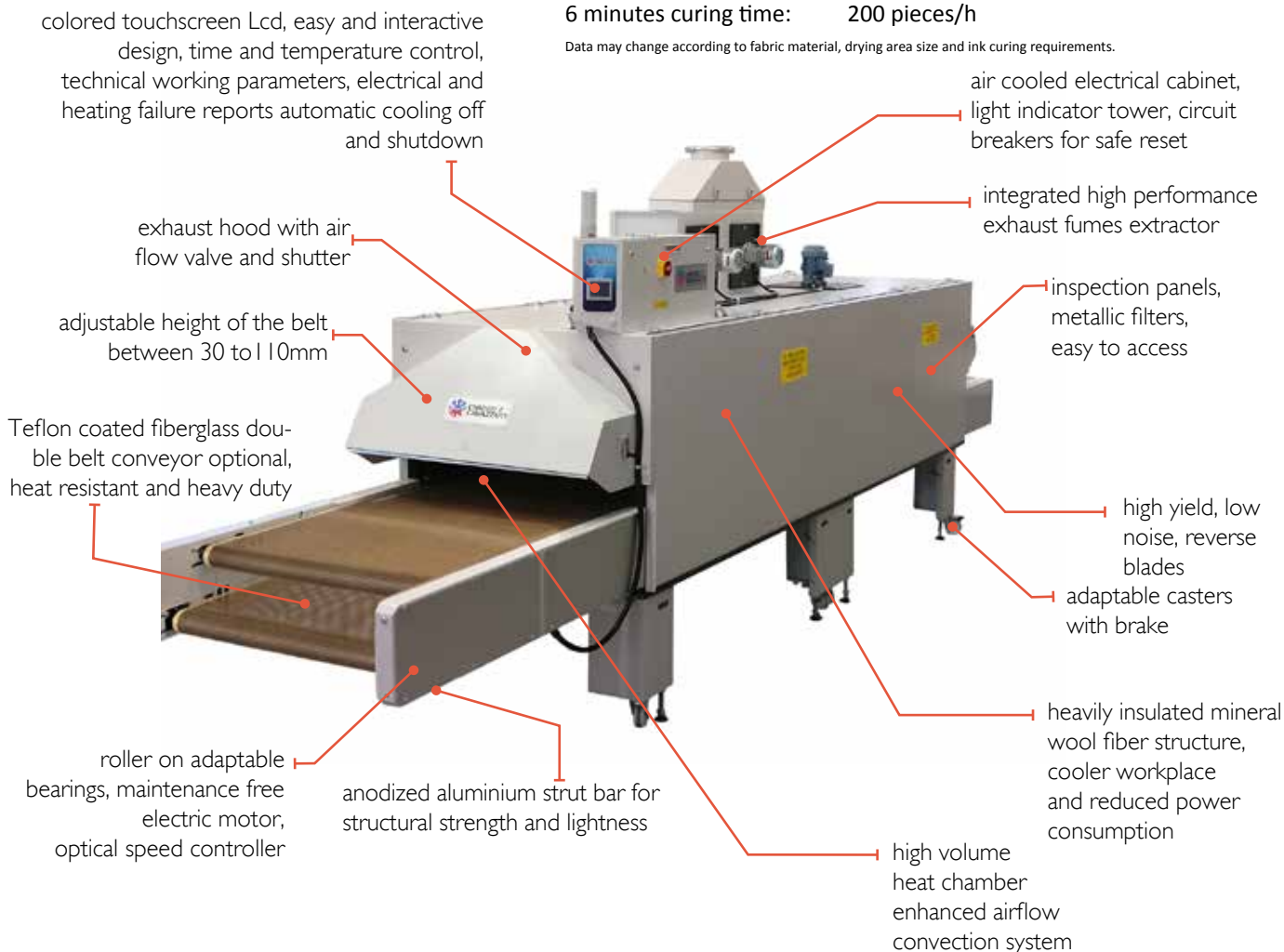


code: **1390054**

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

3 minutes curing time: 380 pieces/h
4 minutes curing time: 300 pieces/h
5 minutes curing time: 240 pieces/h
6 minutes curing time: 200 pieces/h

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



TECHNICAL DATA	TANDEM 950
Power Supply	400V 3P+PE (208V/230V with optional autotrasformer)
Power Consumption ¹	28 kW - 42A
Max Temperature	180°C
Exhaust Specification	360 m ³ /h - Ø 200 mm
Tunnel Length	4000 mm
Belt Width	950 mm
Production ² (light-dark)	320 - 200 pieces/h
Dimension ³ (LxWxH)[mm]	6150 x 1250 x 2350
Shipping Weight ³	1000 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.


Hot
Air

DTG
Printing

Screen
Printing

Pad
Printing

Embroidery
Gauze

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 enhanced airflow convection system is designed on purpose and employs high yield 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.
- **Working height between 30 and 130mm**, in order to cure thick garments and objects and achieve a direct jet of air.
- **Every lateral panel is removable** to speed up maintenance operations and easily reach the filters.
- **Move the Dryer anywhere thanks to heavy duty casters with brakes**. Level it on any surface adjusting the threaded feet.

