

# ACE 600

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

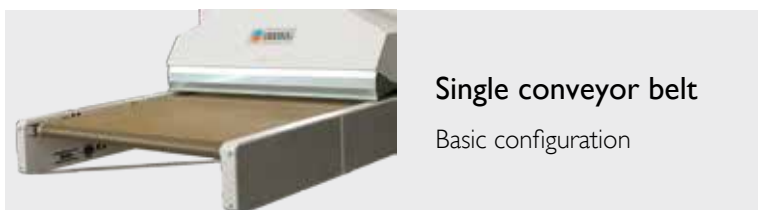
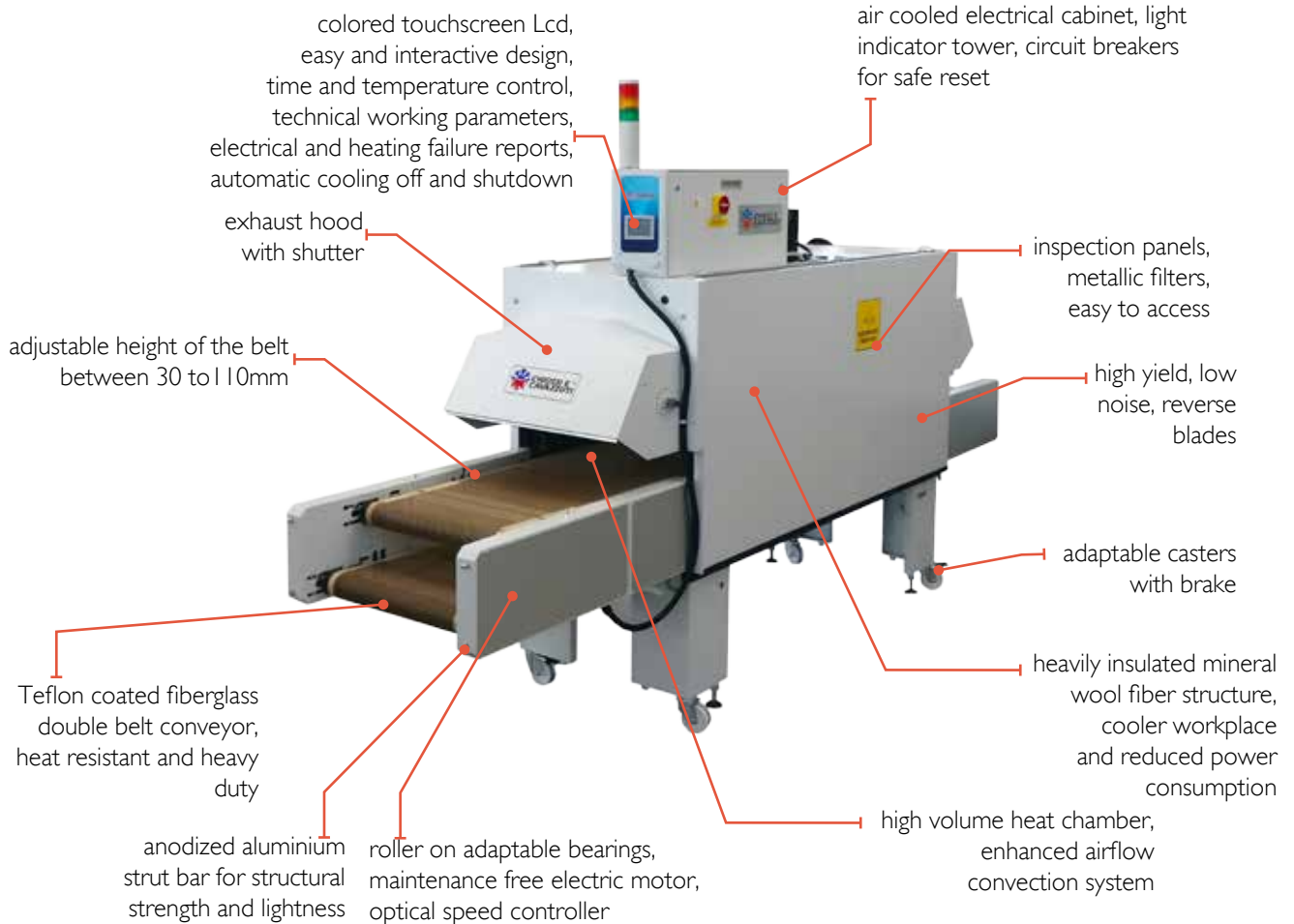


code: **1390047**

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

3 minutes curing time:	100 pieces/h
4 minutes curing time:	70 pieces/h
5 minutes curing time:	60 pieces/h
6 minutes curing time:	50 pieces/h

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



TECHNICAL DATA	ACE 600
Power Supply	400V 3P+PE (208V/230V 3P+PE optional)
Power Consumption <sup>1</sup>	9,5 kW - 15A
Max Temperature	180°C
Exhaust Specification	130 m <sup>3</sup> /h - Ø 80 mm
Tunnel Length	2000 mm
Belt Width [mm]	560 mm
Production <sup>2</sup> (light-dark)	80 - 50 pieces/h
Dimension <sup>3</sup> (LxWxH)[mm]	3800 x 890 x 2150 mm
Shipping Weight <sup>3</sup>	440 kg

<sup>1</sup> Max Power consumption during first heating cycle. Working consumption is about 60% of max value, depending on environmental conditions.

<sup>2</sup> 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.

<sup>3</sup> Dimension and Weight can change accordingly to inlet/outlet extensions or installed optionals.



Hot Air



DTG Printing



Screen Printing



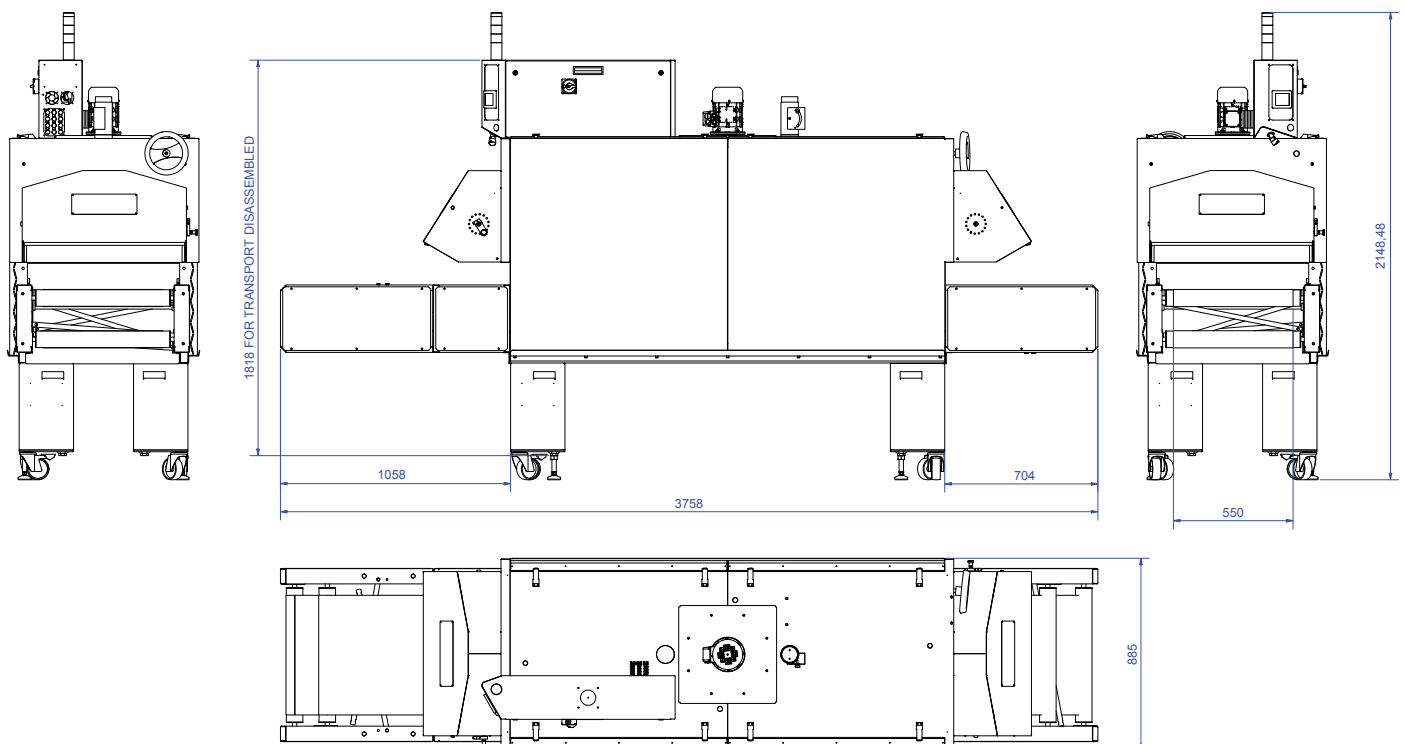
Pad Printing



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.
- **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.



The data in this document was valid at the time of publishing, and is subject to change without notice. Chiossi e Cavazzuti srl reserves the right to modify its products and change their specifications at any time, without prior notice and further obligation. It is forbidden without prior authorization from Chiossi e Cavazzuti srl to copy, modify, alter, publish, distribute, sell or transfer this material. All rights reserved.