

SUPER-TURBO™ G

*Moving Ahead
With Technology*

Modular, Expandable Gas Textile Dryer for Plastisol and Water-Based Inks



ADVANTAGES

- Two sections of heat: quartz tubes (preheat) and hot jet air knives; fast, cost effective and reliable
- Solid-state, independent temperature controls for heat zones
- Remote diagnostics for immediate servicing to reduce downtime
- Heavy-duty chamber insulation keeps exterior of dryer cool
- Variable speed conveyor drive with solid-state controls
- Adjustable quartz tube height accommodates textiles of various thicknesses and curing times
- Quality Fiberlon™ conveyor belt guaranteed up to 500°F (260°C)
- High temperature adjustable chamber aperture doors conserve heat and allow easy access to the inside of dryer
- Easy to use control panel provides visual display of all heating operations
- Air filters are easy to access for cleaning or changing
- Gas burner and system is easily accessible for maintenance and cleaning
- Changeable air flow recirculation to fit your venting requirements with up to 90% recirculation
- Digital belt speed readout
- Low gas, power consumption
- Easy belt tracking
- Heat uniformity and stability throughout



Manufactured by
A.W.T. World Trade Inc.
Division of The A.W.T. World Trade Group

4321 N. Knox Avenue • Chicago, IL 60641 USA

773.777.7100 • Fax: 773.777.0909

sales@awt-gpi.com • www.awt-gpi.com

Super-Turbo™ G Textile Dryer

High-speed Drying Solutions for Cost-effective Textile Production

The Super-Turbo™ G is a high-speed gas dryer designed for cost-effective textile production. All solvent- and water-based inks are cure-dried in the Super-Turbo G at speeds up to 110 dozen pieces per hour.

The unique design of this dryer includes a pre-heat quartz tube chamber where the correct curing temperature of inks is quickly obtained. The second section uses jet air knives and hot air to fully cure the textile ink while removing evaporates through the exhaust system. Heights of the preheat system panels inside the chamber are adjustable. Textile production runs smoothly through the Super-Turbo G and ink is fully cured with excellent results.

Temperatures for the quartz tubes can be set independently of the jet air. If air flow becomes restricted, the heating system shuts down automati-

cally and a safety alarm sounds. The safety feature keeps the blowers operating, preventing problems from scorching and blower burnout.

The fully modular construction makes expansion easy by simply adding heating or conveyor sections. Additional infeed lengths also are available.

Optional Features

- Super-Turbo G series will work with most types of gas, specify type when ordering
- Additional quartz preheat tubes for hot “bump” for higher outputs
- Additional conveyor length
- Extra heating chambers
- Any voltage available as needed for locations worldwide

Specifications

Model	Approx. Weight	Floor Space	Line Voltage	Gas
STG-4811	3,400 lbs. (1,542 kg)	20' x 64.5" (6 m x 164 cm)	240 V, 3 Ph, 60 Hz	18 KW, 500,000 BTU
STG-6011	4,200 lbs. (1,905 kg)	20' x 74.5" (6 m x 189 cm)	240 V, 3 Ph, 60 Hz	22 KW, 500,000 BTU
STG-7211	5,200 lbs. (2,363 kg)	20' x 88.5" (6 m x 225 cm)	240 V, 3 Ph, 60 Hz	26 KW, 500,000 BTU

Model	Conveyor Width	Conveyor Infeed	Heating Chamber	Conveyor Outfeed	Overall Length
STG-4811	48" (122 cm)	5' (152 cm)	11' (335 cm)	3' (91 cm)	19' (579 cm)
STG-6011	60" (152 cm)	5' (152 cm)	11' (335 cm)	3' (91 cm)	19' (579 cm)
STG-7211	72" (183 cm)	5' (152 cm)	11' (335 cm)	3' (91 cm)	19' (579 cm)



773.777.7100 • Fax: 773.333.0909 • sales@awt-gpi.com

©2009 A.W.T. World Trade, Inc. No part of this literature may be reproduced without written permission. Specifications subject to change without notice. LIT-411 02/10