

adelco DUAL

The world's highest production and most **energy efficient dual conveyor** dryer for curing screen & digital ink systems.

Independent temperature control for both levels

Automatic self-tensioning conveyors

Independent belt speed control to both levels



The Adelco Dual has a unique built in extraction system on the infeed and outfeed for a cleaner working environment together with independent exhaust extraction from each conveyor to maximize the curing efficiency for heavily water laden prints in both digital and conventional printing requirements

Single internally integrated burner exhaust & extraction

Advanced airflow system incorporating high powered jet air and integrated vacuum pull down on both levels

15" HDMI touch screen control panel

Two Dryers, One Footprint.

- The Dual dryer from Adelco takes high production curing to a new level, with independent burners and temperature control for each conveyor
- Compact streamlined design
- Does the work of two dryers in a single dryer footprint
- The world's highest production & most energy efficient dryer
- The most technically advanced dryer on the market
- No other dryer on the market will cure digital inks in such high volume with such a small footprint

High Performance

High Production

Low Cost

Low Emissions



Description	DL-180-3
BTU Required	225,000 BTU X 2
Gas Pressure Input Natural	10"W.G/25mbar/each supply
Gas Pressure Input Propane	Line Pressure (reduced to 37mbar)/each
Gas Connection Natural	3/4"BSP/each
Gas Connection Propane	1/4"BSP/each
Electrical Supply	3 Phase 220V/380V/415V
Max Electrical Consumption	7KW
Time from ambient temp to 160°C (320°F)	Approximately 15 minutes
Exhaust Diameter	(12"BSP)300m

Time	Digital Print (Black Shirts)	Screen Print
1 Minute	/	2160 per hour
2 Minutes	/	1080 per hour
5 Minutes	430 per hour	
6 Minutes	360 per hour	
8 Minutes	270 per hour	
10 Minutes	216 per hour	

Based on three lines of adult size garments across each belt width. Allowing for one product placed every 50cm. Production rates will alter depending on product placement and time/temperature settings chosen for individual curing requirements.

The Adelco Dual dryer gets its name from its unique design. The Dual dryer is a double belt conveyor dryer with separate heat chambers, airflow and exhaust systems for the top and bottom conveyor belts.

Experience the benefits of two dryers in one footprint with the Adelco Dual dryer range. With dual tunnels, the Dual dryer increases the high throughput capabilities in both digital and conventional textile print requirements, without increasing the size of the dryer.

With independent burners, time and temperature controls for each conveyor level, the Dual cures digital and screen-printing inks in high volumes with such a small footprint.

All Adelco drying machines, including the Dual, and the range of Pro-Cure dryers, are fitted with internal exhaust hoods over the feed and exit sections of the oven. This provides a cleaner working environment without having to add optional extraction hoods and exhaust connections.





“Mark and Leigh Smith have been in the industry a long time and are the only owner-owned manufacturer/distributors in the industry. They’ll look at what you need and will then create a solution for you, rather than trying to find a product to fit you. That makes a huge difference. We’ve got six Ecotexes now and three Duals. The Dual is amazing, you can get a huge volume of digital through a very small area. And Steve, who’s their main engineer, he’s just brilliant, he really knows these machines.”

- Andy, T Shirt & Sons. UK