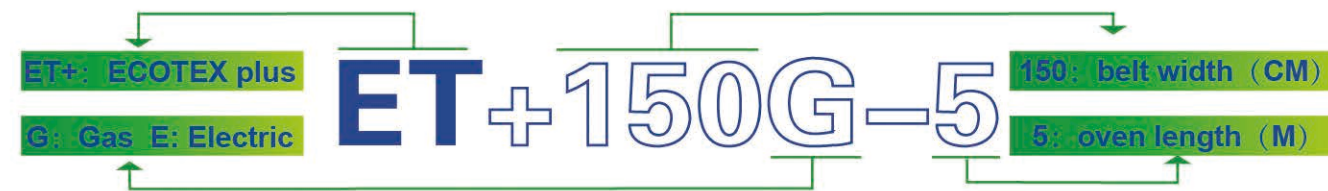


MODEL DESIGNATION



ADELCO ALSO MANUFACTURE



ECOTEX⁺

- ★ High Performance
- ★ High Production
- ★ Low Running Costs
- ★ Low Emissions

Local distribution:



ADELCO SCREEN PROCESS LTD.,
HIGHVIEW, HIGH STREET, BORDON, HANTS. GU350AX, ENGLAND.
TEL. +44(0) 1420 488388 FAX. +44(0) 1420 476445 E-mail: sales@adelco.co.uk
website : www.adelco.co.uk

* All specification correct at time of going to press, Adelco reserve the right to change or amend any detail or specification without notice

High
Production
Conveyor
Dryers

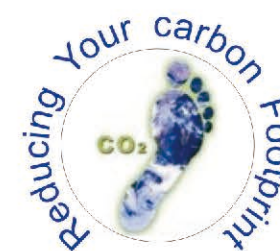


Eco-tex⁺



- The most Efficient and consistent dryers in the world
- Reduce your costs and your carbon footprint by investing in proven drying technology
- Save money and improve your curing ability

Eco-logical ... *Eco-nomical* ... **EcoTex⁺**
ADVANCED CURING SYSTEMS



www.adelco.co.uk

Introduction:

Adelco Have specialised in manufacturing and supplying quality equipment to the printing industry since 1972.

We have built a reputation for producing equipment with the latest technology and highest specification through a worldwide distribution and support network.

With Headquarters in the UK and Hong Kong and our own production and manufacturing facility in China, Adelco have gained a reputation in producing the highest quality Screen printing, Drying and Curing systems.

We realise our customers have a choice in their equipment suppliers which is why Adelco have an extensive development programme to ensure our products provide unique and unmatched specifications.

New Features

- Features new Vacuum pull-down that provides exceptional stability of delicate fabrics preventing lifting/flipping of fabrics whilst under our high velocity Jet Air curing technology.
- Even higher airflow through the garment for increased airflow penetration leading to faster curing times, and unmatched wash fastness.
- Features new "Eco Extractor + technology" which utilizes more clean filtered air whilst extracting 100% more contaminated air and fumes and still maintaining superior energy efficiency levels.
- New touchscreen interface design, easier to navigate and reacts faster.
- Unique built in hood extraction helps prevent fumes from escaping in to your factory as products enter and exit the oven for a cleaner, more pleasant working environment.

Integral exhaust adjustment



High velocity Jet air chamber

- Reduced energy consumption for the lowest running costs
- Integral exhaust connected from top of dryer with easily adjustable exhaust outlet valve
- Lint filter removable from either side of dryer (No replacement filters required)
- Removable end panels for easy cleaning access

2 meter high velocity drone extension

Air curtain cooling maintains a cool outer skin

Integral feed and outfeed exhausts remove chemicals and contaminated air from the workplace

Easy access for maintenance and cleaning

Recycles clean filtered air and extracts contaminated air

Easy to clean air filters - no replacement filters required

Highly Efficient, Direct Ultra Violet Controlled Burner System.

Standard Features

- Five belt widths available
- Ovens are fully modular enabling the exact dryer length to be chosen to suit all curing requirements and be expanded at a later date.
- Unique digital automatic belt speed control. Enter the time in minutes and seconds for automatic belt speed adjustment that is precise and repeatable every time.
- Triple insulation with air curtain for the coolest exterior skin ever
- Air intake from both sides of oven giving the best heat distribution.



Model No: ET+75G(E)-2



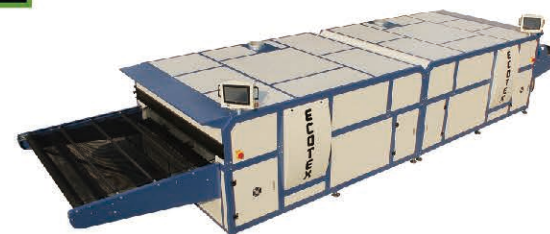
Model No: ET+100G(E)-3



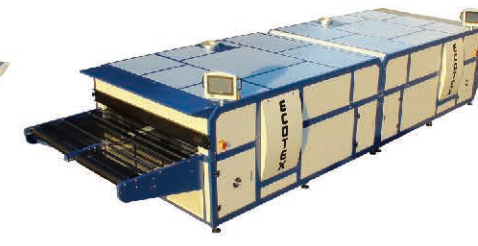
Model No: ET+150G(E)-3



Model No: ET+120G(E)-4



Model No: ET+180G(E)-6



Model No: ET+180G(E)-SB-6

Production capacities

Model	ET 75	ET 100	ET 120	ET 150	ET 180
1 minute (Plastisol Ink)	440/hour	480/hour	960/hour	960/hour	1400/hour
2 mins (Waterbased/Discharge Ink)	150/hour	210/hour	420/hour	420/hour	530/hour
3 mins (Kornit Digital no white ink/light coloured fabrics)	120/hour	200/hour	240/hour	240/hour	360/hour
7 mins (Kornit Digital with white ink/dark coloured fabrics)	55/hour	85/hour	105/hour	105/hour	150/hour

Based on a 3 M oven length. Production increases 30% for a 4 M oven, 60% for a 5 M oven and 100% for a 6 M oven. Allowing for one line of garments to be placed every 50cm. One line of products on 75cm and 100cm belts, two lines on 120cm and 150cm and three lines on 180cm. Production rates will alter depending on the product placement and the time/temperature settings chosen for the individual curing requirements. Wash tests should be undertaken to ensure the correct time and temperature combination for specific ink types.

Gas Dryer Specifications

Description	ET75G-3	ET100G-3	ET120G-3	ET150G-3	ET180G-3
Electrical Supply Voltages confirmed at time of ordering. Other voltages available on request	3Phase 380/220V +/-10%	3Phase 380/220V +/-10%	3Phase 380/220V +/-10%	3Phase 380/220V +/-10%	3Phase 380/220V +/-10%
Natural Gas Pressure	10" W. G/ 25mbar	10" W. G/ 25mbar	10" W. G/ 25mbar	10" W. G/ 25mbar	10" W. G/ 25mbar
Natural Gas Connection	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP
Propane Gas Pressure	Line Pressure Reduced to 37mb	Line Pressure Reduced to 37mb	Line Pressure Reduced to 37mb	Line Pressure Reduced to 37mb	Line Pressure Reduced to 37mb
Propane Gas Connection	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP
BTU REQUIRED	125,000	150,000	175,000	200,000	225,000
Time From ambient temp to 160 °C	Approximately 8 mins	Approximately 8 mins	Approximately 10 mins	Approximately 12 mins	Approximately 15 mins
Maximum Electrical Consumption	2.75Kw	5Kw	5Kw	5.7Kw	5.7Kw
Exhaust Dia	200mm (8 Inch)	200mm (8 Inch)	200mm (8 Inch)	250mm (10 Inch)	250mm (10 Inch)

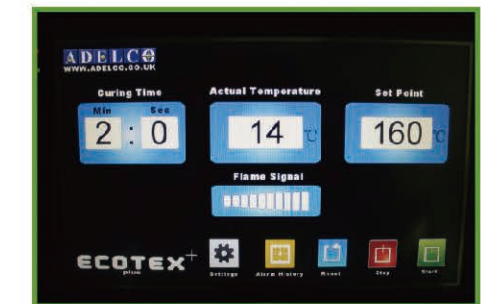
Electric Dryer Specifications

Description	ET75E-2	ET75E-3	ET100E-2	ET100E-3	ET120E-3	ET150E-3	ET180E-3
Electrical Supply Voltages confirmed at time of ordering. Other voltages available on request	3 Phase 380/220V	3 Phase 380/220V	3 Phase 380/220V	3 Phase 380/220V	3 Phase 380/220V	3 Phase 380/220V	3 Phase 380/220V
Maximum Electrical Consumption	21Kw/h	27Kw/h	31Kw/h	41Kw/h	41Kw/h	51Kw/h	51Kw/h
Average Electrical Consumption at 180 °C	14Kw/h	18Kw/h	20Kw/h	28Kw/h	30Kw/h	32Kw/h	38Kw/h
No & Kw of Elements	9x2Kw (18Kw)	12x2Kw (24Kw)	9x3Kw (27 Kw)	12x3Kw (36Kw)	12x3Kw (36Kw)	15x3Kw (45Kw)	15x3Kw (45Kw)
Exhaust Dia	200mm (8 Inch)	200mm (8 Inch)	200mm (8 Inch)	200mm (8 Inch)	200mm (8 Inch)	250mm (10 Inch)	250mm (10 Inch)

Ecotex+ gas dryer operating costs chart

Belt Width	Oven Length	EcoTex Plus Average	
		Gas Consumption (Kwh)	Electric Consumption (Kwh)
180cm	3 Meter	25.8	3.3
	4 Meter	36.7	3.5
	5 Meter	39.4	3.7
150cm	6 Meter	46.2	6.5
	3 Meter	21.8	3.2
	4 Meter	36.7	3.4
120cm	5 Meter	29.9	3.6
	6 Meter	43.5	6.2
	3 Meter	19.0	2.8
100cm	4 Meter	28.6	3
	5 Meter	29.9	3.2
	6 Meter	34.0	3.5
75cm	2 Meter	16.3	2
	3 Meter	23.1	2.2
	4 Meter	24.5	2.3
75cm	5 Meter	27.2	2.4
	6 Meter	34.0	4.6
75cm	2 Meter	17.7	1.2
	3 Meter	21.8	1.4

TOUCH SCREEN CONTROL PANEL



Touch Panel control Screen features include:

- Belt speed adjustment. Enter the time required in the oven in mins and watch the belt speed change automatically!
- Digital temperature control
- Alarm history shows any safety or temperature fluctuation alarms with date and time record
- On screen flame signal