adelco
DIGIBOX

The New Digibox is equipped with all the standard features of higher priced hot air conveyor dryers and is designed to grow as you do, with 1 meter oven increments.
The Digibox is perfect for curing all Screen and Digital textile inks.

Alarm System

Touch Screen

Power Switch

Infeed

Outfeed

adelco

Digi Box

Air Filters

Enhanced insulation coupled with an air curtain

Key Features

- 1-meter curing capacity and limitless modular expansion.
- Optimal curing efficiency while minimizing impact on fabrics.
- Streamlined and compact design
- Automatic belt speed control down to the minutes and seconds.
- Conveyor belt width of 80cm.

Additional Functions

- Boasts the features and performance of a full-scale dryer.
- Incorporated exhaust and fan system.
- Exhaust oil drip tray.
- High-pressure airflow to achieve optimal curing penetration.
- Slide-out air filter for easy maintenance.

HMI control panel

Fume extraction system and an oil drip tray

Adjustable airflow damper

An 80cm-wide conveyor belt

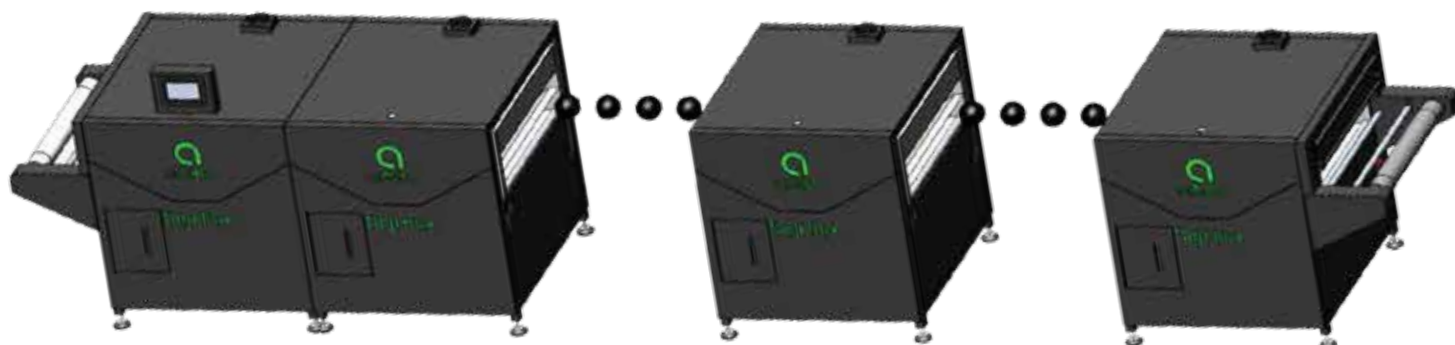Main isolator

Feet and wheels

The Digibox hot air conveyor dryer provides all the curing advantages expected from any Adelco textile dryer product with features found on higher priced models. Power efficiency is a key feature of the Digibox and enables customers to minimise and reduce their carbon footprint.

adelco DIGIBOX

Specifications

Specs	DB80E-1
Electrical supply	3 P 220-240V or 380V-415V, 50/60hz
Maximum electrical consumption	10 Kw/h
Average electrical consumption at 160°C	5Kw/h
Belt speed	30 seconds - 12 minutes
Time required to reach 160°C	20 minutes
Exhaust diameter	10cm
Belt width	80cm
Infeed/Outfeed	40cm
Oven length	100cm
Overall dimensions	280cm x 109.4cm x 142.5cm

Model	1 Minute	2 Minutes	3 Minutes
DB80E-1	120 pcs/hour	60 pcs/hour	40 pcs/hour
DB80E-2	240 pcs/hour	120 pcs/hour	80 pcs/hour
DB80E-3	360 pcs/hour	180 pcs/hour	120 pcs/hour
DB80E-4	480 pcs/hour	240 pcs/hour	160 pcs/hour

Based on one product placed on belt every 50cm. Production rates may vary depending on the placement of products and the chosen time/temperature settings tailored to meet specific curing demands.

adelco DIGIBOX

Dimensions: DB80E-1

100mm(4")Diameter
Exhaust duct Connection

800 [31"]

1048 [41"]

Belt Direction →

1800 [71"]

400 [16"]   1000 [39"]   400 [16"]

Digi Box

797 [31"]

877 [35"]

1094 [43"]

1425 [56"]