

ETORCH MAX

All Electric Roofing and Seaming Torch

Datasheet

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Introduction

The Etorch MAX has been developed for work on large scale roofing surfaces and podium decks. It is the ideal partner for use alongside BUR, Self-Adhesive, Liquid Hotmelt and Single ply systems. The Etorch MAX can fuse and lap weld a 60mm - 80mm seam on SA membranes with the separate, detachable seaming nozzle.

Etorch MAX

The new Etorch MAX is a compact, lightweight, versatile, robust, and powerful dryer and Self adhesive felt activator which delivers enhanced performance. Utilising four separate functions, it is ideal for use across all roofing systems.

Functions

- Dry mode - Dry with a 50cm wide airblade in all temperatures
- Activate mode - 6 temperature settings for self adhesive sheet activation
- Separate seaming nozzle - Seam SA membranes in the standing position. 60mm or 80mm nozzles available
- 3no sockets for matched hot air welders and blowers
- Pre-set temperature range control that is factory set
- Variable air flow to eliminate marking to mineral cap sheets
- Trigger controller incorporating speed, comfort and primary function switches
- Simple to operate
- Plug and play technology
- Highly manoeuvrable on compact chassis with castors
- Service light on the control panel will indicate when the unit requires servicing.



Safety features

- Light weight electrically powered torch replacing the conventional gas equivalent
- Suitable and safe for both internal and external building applications
- Safe to use at upstands and building perimeters
- Automatic over temp protection to prevent ignition
- Designed for drying, activating, seaming and hot air welding.
- Castor mounted for ease of movement
- Cool side carbon fibre outer casing
- Eliminates the risk of flash and vapour ignition fires
- 30MA protection to prevent operative harm

Cables, power requirements & consumption

415V, 3-phase, 32Amp. (UK and Europe)
480V, 3-phase, 32Amp. (Canada and USA)
Earth & neutral required (5 pin plug).
Power consumption: 28KVA (22 Kw/hr) only during operation.

The Etorch MAX is connected to the control box by a 15m detachable cable. This enables the torch and control panel to be separated for ease of transportation and storage. The control box features a 5 pin 32A male plug connected by a 4m cable to connect to the power supply. A 20m extension cable is supplied to allow the control panel to be connected to the main 3-phase power supply. To reach longer distances to power sources further extension cables at 20m and 40m are available to purchase.

Mains monitor relay is included in the control panel to protect against external power issues. Note: For use on site without a permanent fixed supply we recommend using a 30KVA site generator with a 32amp five pin plug fitting (Red & white plug). If the generator has a 64amp plug an adapter is available to purchase to fit the 32 amp cable plug.



Specification and servicing

Overall size of Etorch

- Length 1000mm (w/o Airblade)
- Length 1400mm (w Airblade)
- Width at widest point 500mm
- Cable length 15m (Torch to control panel)

Etorch MAX dimension (Excluding hoses)

- Overall height 1400mm
- Width 500mm
- Depth 900mm

Trolley dimension (Including hoses)

- Overall height 1000mm
- Width 400mm
- Height 600mm
- Depth 250mm

Weight

- Etorch MAX weight - 23kg
- Total overall weight inclusive of control panel and trolley - 70 kg

Temperature setting

- Dry mode - 400 °C
- Activate/ Seam mode - 400 °C – 700 °C

Max Air flow

- 500m³/hr

Training

- Full training is provided when the equipment is delivered to the customer

Servicing & warranty

- The Etorch series is covered by a 1-year manufacturer's warranty (conditions apply)
- Servicing is required when indicated by the service light



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