

Bench models for cutting and fusing stranded cable.

Description

Flash Cutter Model SS48C is designed to sever stranded wire in most metals and fuse the ends of the strands to prevent un-raveling or fraying.

Features

- The gap between the electrodes is adjustable to accommodate cables of a wide range of diameters.
- Water cooled electrode holders can be used for heavy cable.
- Heat control is by tap switch or solid state control.
- Electrode Jaws are readily replaceable.
- A “STRETCH” feature exerts a pull while the cable is heated. This reduces build up at the ends.



Typical Uses

- Cutting of stranded cable
- Copper cable in fine stranding for subsequent resistance welding
- Flexible shafts for speedometers or other flexible drive applications
- Surgical wires and sutures

Specs

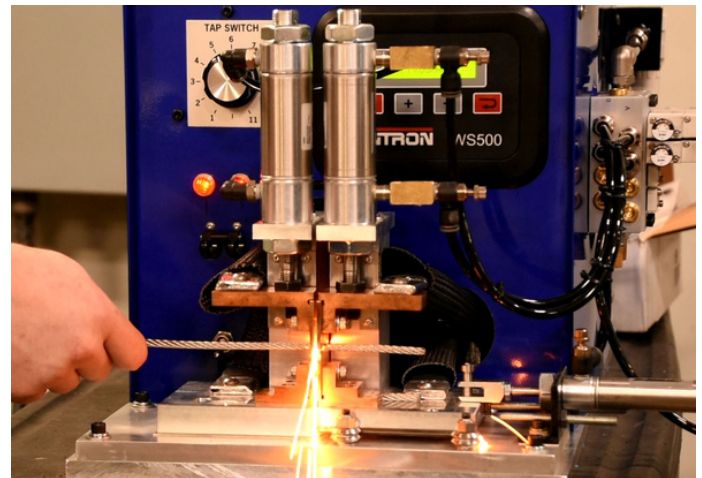
Model	kVA	Line Voltage	Approx. Capacity in inches diam of stainless steel	Weight lbs.	Notes
SS48C/1	1	120, 240	1/16	95	Includes foot switch and guard, one set of electrodes, air regulator and gauge 1/8" IPS for Air 60-120 PSI (4-8 Bar)
SS48C/2.5	2.5	240	1/8	95	
SS48C/5	5	240	3/16	120	
SS48C/10	10	240	5/16	160	

How It Works

The cable is pulled out by hand and placed between electrodes. A foot switch is actuated and air-operated electrodes clamp the cable, straddling the cutting point. A heavy electrical current of low voltage melts a short section of the cable fusing the ends.

Accessories

- Jaws #A4860-2- Molybdenum (for copper + copper alloy cables)
NOTE: Blank jaws are supplied with drilling instructions. Drilled jaws can be supplied if groove size is indicated or sample cable is submitted. One large, or several smaller grooves can be accommodated.
- Cleaning Brushes #A3837
- Water-cooling Blocks #A4862-1 (for use on high production rates or heavy cable)
- Water Circulator - replaces faucet and drain. Specify 115 or 230V operation.
- Feed Initiation Switch #A4873-1 (for customers who install their own feed system)



Customize

EWALD's Flash Cutter® can be designed and quoted to fit the customer's individual needs. Please feel free to ask about any special needs you may have.