

DIGATRON ECW 225

ELECTRODE CUTTING AND TAB WELDING UNIT

Digatron Systems ECW 225, electrode cutting and tab welding unit, is a semi-automatic electrode cutting machine designed to cut electrode strips from coated reels and to weld the tabs onto the electrode or foil uncoated area.

Two separate electrode beds help to prevent cross-contamination between anode and cathode materials. Electrode strips can be cut at several lengths allowing different jelly roll diameters.

The machine is built with a sturdy steel frame and an integrated switch board and it can be equipped with

one or two ultrasonic welding systems to weld the current collector tabs to the uncoated foil portion of the electrodes.

Each welding system is supplied with a specifically designed set of horn and anvil to weld the type of tab onto copper or aluminium materials.

The tab reels are installed on the welding heads, and each one is equipped with a guiding and manual trimmer.

Welding parameters such as energy, time and pressure can be set and saved into the welding generator's CPU to achieve different welding conditions.



QUESTIONS?

+39 02 565 69 844

info@digatronsistemas.com