

Electrogas Welding

EGW

Also known as Verti-Matic and Automatic Vertical Aircomatic, is an arc welding process that produces a coalescence of metals by heating them with an arc between a continuous filler metal (consumable) electrode and the work. Molding Shoes are used to confine the molten weld metal for vertical position welding. The electrode may be either flux cored or solid. Shielding may or may not be obtained from an externally supplied gas or gas mixture. It is a limited application process used only for making vertical welds on medium to heavy thickness mild steel. Manual welding skills are not required, but like electro slag welding, a technical knowledge of the process is required to operate the equipment.

