

Electrogas Welder (EGW-V)

Single pass automatic vertical welder with copper backing bars for standard tank construction or tank jacking projects.

EGW1-V & EGW2-V design features:

- Designed for high production one or two pass vertical seam welding with gas shielded flux core wire (or self-shielded wire) and water-cooled copper backing bars on both sides of the welding process.
- Built for use on standard bottom-up tank construction with tank scaffolding or wind girder scaffold.
- Designed for use on top-down tank jacking system projects when re-configured with the travel motor assembly connected to the bottom of the EGW frame.
- Frame enclosed with aluminum panels to shield the welding process.
- Folding sides with flexible flame-resistant material to block the wind between the frame and the shell plate to shield the welding process.
- Lincoln LN10 wire feeder mounted inside the frame.
- Vertical welding carriage mounted on a rail in the ceiling of the EGW frame.
- Lincoln fume extraction system mounted inside the frame.
- Variable speed operator lift system rated for 280KG or 617LB.
- Anchor points above internal ladders and operator lift system for personnel fall restrain devices.
- Top of the frame is enclosed with removable handrails.
- For use on shell plate width (height) from 1.8m to 3.2m or 5.9ft to 10.5ft.
- Minimum tank diameter this EGW and be used on is 4.5m or 15ft there is no maximum tank diameter.
- Standard EGW-V design has a frame depth of 900mm or 35.4in for use on tanks with scaffolding that is at least 1200mm / 48in wide or tank jacking projects. Frame to shell plate clearance 300mm / 11.8in
- The narrow frame EGW-V design has a frame depth of 700mm or 27.5in for use on tanks that have a scaffold width (depth) minimum of 915mm or 36in. Frame to shell plate clearance 200mm / 250mm or 7.8in / 9.8in
- Double sided AVW weight 2350KG or 5181LB
- Single sided AVW weight 1240KG or 2734LB

Optional features:

- EGW1-V single sided frame with lift and welding system on one side.
- EGW2-V double sided frame with operator lift system on both sides or one side.
- Mobile power source (MPS) trailer and diesel power source.
- Lincoln Electric power sources in a steel cabinet.
- Davit arm with electric winch to lift welding consumables from the ground level. Winch cable length 30m or 98ft.

