

# Automatic Vert Welder (AVW)

## AVW1 & AVW2 design features:

- Built for low heat input multiple pass vertical welding with gas shielded wire.
- Frame enclosed with aluminum panels to shield the welding process.
- Lincoln or Miller wire feeder mounted inside the frame.
- GULLCO or Bug-O carriage mounted on a rail in the ceiling of the AVW frame.
- Lincoln fume extraction system mounted inside the frame.
- Variable speed operator lift system rated for 280KG or 617LB.
- Anchor points above 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 1.6m to 3.2m or 5.25ft to 10.5ft.
- Minimum tank diameter this AVW and be used on is 4.5m or 15ft there is no maximum tank diameter.
- Frame depth 650mm or in 25.6in.
- Frame to shell plate clearance 75mm/175mm/300mm or 2.9in/6.8in/11.8in.
- Folding sides between the frame and the shell plate to shield the welding process from wind.
- Single sided AVW weight 1240KG or 2734LB.
- Double sided AVW weight 2350KG or 5181LB.

## Optional features:

- Davit arm with electric winch to lift welding consumable from the ground level. Available winch cable lengths 30m / 40m or 98ft / 131ft.
- AVW1 single sided frame with lift and welding system on one side.
- AVW2 double sided frame with operator lifts and welding systems on both sides or one side.
- Miller or Sala rescue davit arm with manual winch.
- Mobile power source (MPS) trailer and diesel power sources.
- Lincoln or Miller electric power sources in a steel cabinet.

