

Automatic Girth Welder (AGW-U) 3 O'clock Welder

One AGW designed for standard tank construction and tank jacking projects with 3 configurations from one double sided AGW.

AGW1-U & AGW2-U standard design features:

- USA made Lincoln or Miller SAW welding systems.
- Dual German engineered SEW drive motors (2 horizontal travel motors).
- One AGW2 with 3 configurations AGW1-U, AGW2-U or single sided AGW for use with a tank jacking system
- AGW1-U and AGW2-U built to work for standard bottom-up tank construction with tank scaffolding or wind girder that is at least 1200mm or 48in (deep) wide.
- Built for use on top-down tank jacking system projects when re-configured with the travel motor assembly connected to the bottom of the frame.
- External ladders.
- Personnel hatches in each of the internal levels.
- Anchor points above ladders and hatches for personnel fall restraint devices.
- Removable handrails with gate on top of frame.
- Frame height adjustment is completed by bolted connections between the upper and lower frames.
- Industrial blower for flux recovery.
- Frame depth 900mm or 35.4in.
- Frame to shell plate clearance settings 170mm or 6.6in.
- For use on plate width (height) from 1.8m to 3.2m or 5.9ft to 10.5ft.
- Minimum tank diameter this AGW can be us on is 4.5m or 15ft there is no maximum tank diameter.
- Travel speed 0-2900mm or 0-114in per min.
- Max load allowed on each operator platform 250KG or 551LB.
- Single sided AGW1-U weight 1050KG or 2315LB.
- Double sided AGW2-U weight 1750KG or 3858LB.

Optional AGW-EX features:

- Single sided frame AGW1-U.
- Double sided frame AGW2-U.
- Intercom for double sided AGW2-U.
- Weld seam wire wheel buffing attachment.
- Pre-heat torch.
- Flux hopper heater.
- USA made Lincoln or Miller electric power sources in an enclosed steel cabinet.
- Mobile power source (MPS) trailer with or without Lincoln or Miller diesel power sources.
- Davit arm with an electric winch that is mounted on top of AGW frame to lift welding consumables from the ground level. Winch cable length 30m or 98ft.

