

Tankwelder AGW1-AGW2

Single-side & Double-side



Tankwelder is a series of self-propelled 3 o'clock welding equipment primarily developed for on-site erection of large storage tanks, silos, blast furnaces and similar cylindrical objects. It is available as a single-side version and a double-side version. Usually it is designed to travel on the top edge of the tank shell. As there are different ways of building tanks, one machine in the series is designed to travel on a rail which is temporarily fixed to the shell or on a stand-alone ring outside the shell.

Operator safety CE approved

The operator of each machine (if a double-side version) rides in a cabin, where he supervises and controls the welding process with the control panel within easy reach. The cabin, whose floor level under the carriage is variable to suit the height of the plate, is built as a cage to give the operator(s) maximum safety and comfort. For weather protection the cage can be covered by curtains. The cabin of a double-side machine is equipped with step ladders and a joining bridge at the top to facilitate for the operators to climb onboard. The bridge also has guard rails for the safety of the operators.

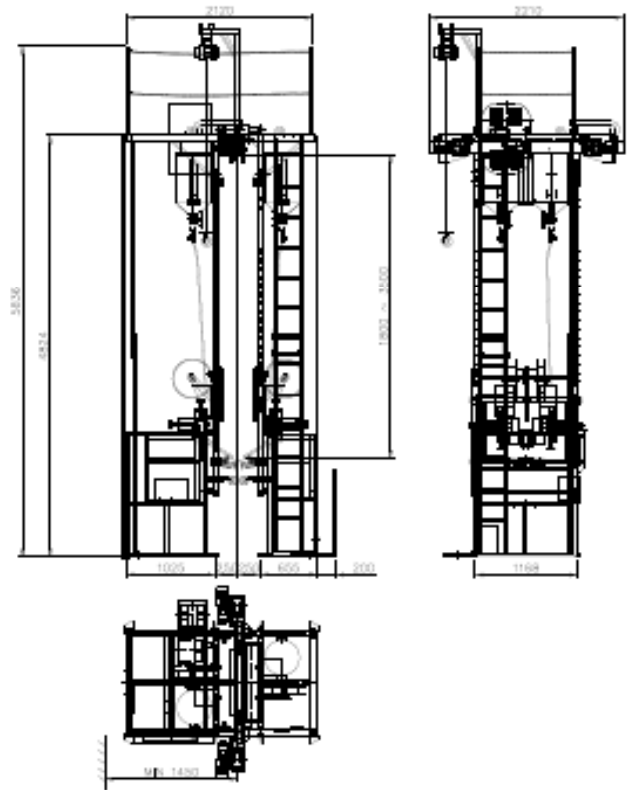
Applications

- Tank welding



Technical data: AGW1 AGW2

Model	AGW1	AGW2
Carry load	300kg	300kg
Shell Diameter (D)	6m ≤ D ≤ 10m	6m ≤ D ≤ 10m
Wall Thickness (T)	6mm ≤ T ≤ 32mm	6mm ≤ T ≤ 32mm
Shell Diameter (D)	D > 10m	D > 10m
Wall Thickness (T)	6mm ≤ T ≤ 50mm	6mm ≤ T ≤ 50mm
Shell height	1.8-3.5m	1.8-3.5m
Height increment	100mm	100mm
Shell tickness (max)	50mm	50mm
Side clearance (min)	1450mm	1450mm
Travel Speed	244-2440mm	278-2780mm
Power Supply	380/400/415V-3P-50Hz 440/460/480-3P-60Hz	380/400/415V-3P-50Hz 440/460/480-3P-60Hz
Fuses	32 Amp	2 x 32 Amp
AC Motor travel	1x 0.55kW	2x 0.55kW
AC inverter travel	1x 1.1kW	1x 1.1kW
IP Classification	IP 55	IP 55
Flux hoist (max)	70kg	70kg
Electrical Panel	y	y
Weight	1300kg	1460kg
Dimensions LxHxW	1440x5836x2102	2210x5836x2120

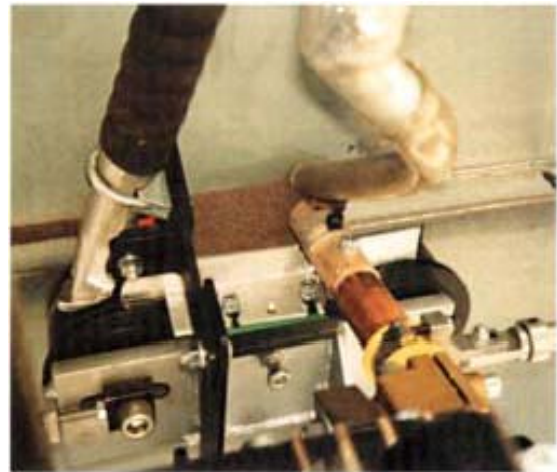


Ordering Information

- 0370250700 Tankwelder Single-side
- 0370250701 Tankwelder Double-side

Options

- 0370250703 Transportable stand AGW1
- 0370250704 Transportable stand AGW2
- 0370250705 95mm² cables 100m (75 & 25m)
- 0370250706 Cabine Light
- 0370250749 Power Rack
- 0370250744 Hoisting



Note: All specification and dimension are subject to change without further notice.
All Equipment comes without Power Supply Cable.



2012-02-14 / ESAB reserves the right to alter specifications without prior notice