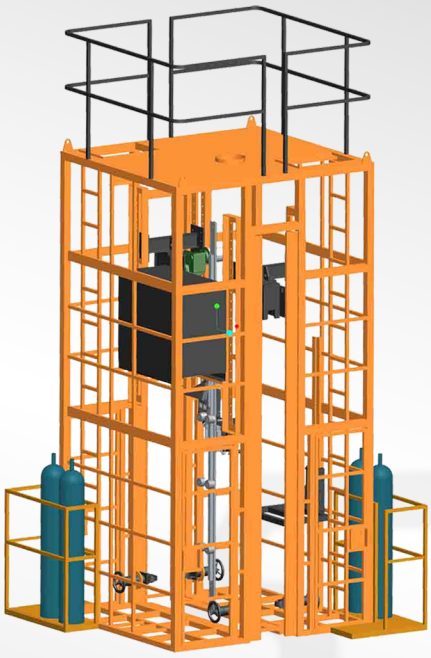
All Time Electro Gas Welder

Tank welder



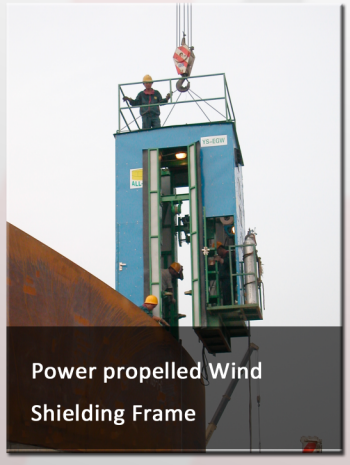
ALL TIME

Electro Gas Welder

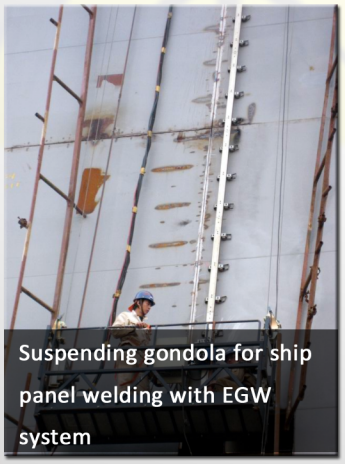
The EGW (Electro Gas Welding) is a high deposition welding process that uses retaining shoes to confine a molten metal for vertical pprogression welding. EGW is a considered highly automatic process as it requires closed loop current sensing or other means, to govern travel speed & to maintain electrode stick - out automatically without operator interference.

Welding Process

1) Electro Gas #elding 2)Flux cored Arc Welding



Power propelled Wind Shielding Frame



Suspending gondola for ship panel welding with EGW system

Open rail support for All Time EGW system with self-shielded wire

Features:

1) High deposition single pass welding with code quality welds
2) Carriage and rail system to handle vertical seams up to 3m (* consult factory for additional welding length)
3) Linear oscillator to weld up to 40mm plate in a single pass, special swivel oscillator mount to provide side to side oscillation for multi pass FCAW (*VUP model only)
4) Master control for close-loop automatic travel speed adjustment, welding parameter preset and monitoring.
5) Spring loaded copper shoe with copper or ceramic backing system.
6) Powered lateral travel frame to create an “indoor” atmosphere for high quality site welding

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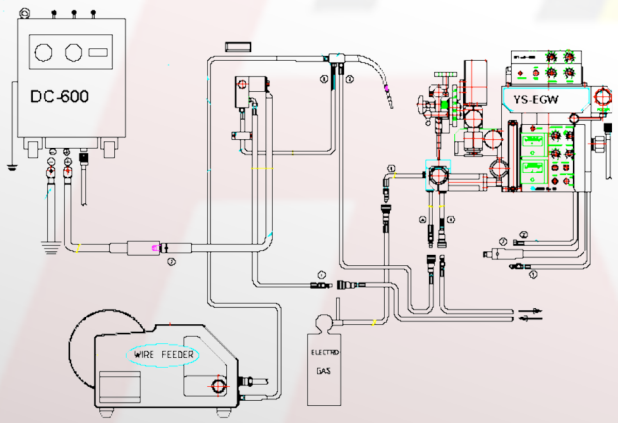
ALL TIME Mechanical & Electrical equipment CO. LTD.

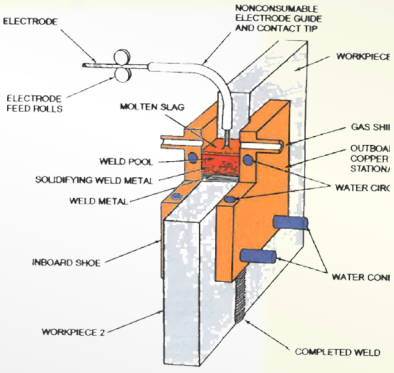
VERSIONS OF AGW:

1) EGW V - Single pass Electro Gas Vertial Welder for bottom up constructed tanks
2) EGW V/D - Single pass Electro Gas Vertial Welder for Top down constructed tanks
3) EGW (BUG) - Multi pass Vertical welder for applications where single pass electro gas welding is not applicable. (refer to EGW BUG leaflet)

SYSTEM COMPONENTS:

Basic components that make up an EGW are machine frame, controls, power supply, wire feeder, right angle torch, linear oscillator, auto arc sensing control.





Electro-gas single pass welding process

Technical specification:

Model	Application	Tank Diameter	Welding thickness	Shell Plate height	Operator Platform	Welding Process
EGW V	Storage tanks, vertical vessels, blast furnaces, chemical towers	Min. 4.8m n/a	9 – 80mm	Max. 3m	Double-sided wind shielding frame	EGW
EGW BUG					Single-sided wind shielding frame	FCAW
EGW-SB	Ship Building	n/a	Min. 5mm	n/a	Gondola	EGW