

AGW Series

AGW-I / AGW-II Automatic Girth Welders



Koike Aronson / Ransome's AGW Automatic Girth Welder is an automatic system that speeds up construction of field-erected storage tanks. It straddles the shell plates riding on adjustable flanged wheels at operator controlled speeds of 4 to 105 IPM (.10-2.67 M/min). It can handle plates as thick as 2 inches and tank diameters from 15 feet and up. Available as dual or single sided machines. Each is equipped with welding heads, controls, flux support belts and recovery units so that 3 and 9 o'clock welds can be made simultaneously. Submerged arc flux belt mechanism ensures retention of the flux at the joint, and efficient recycling of flux.

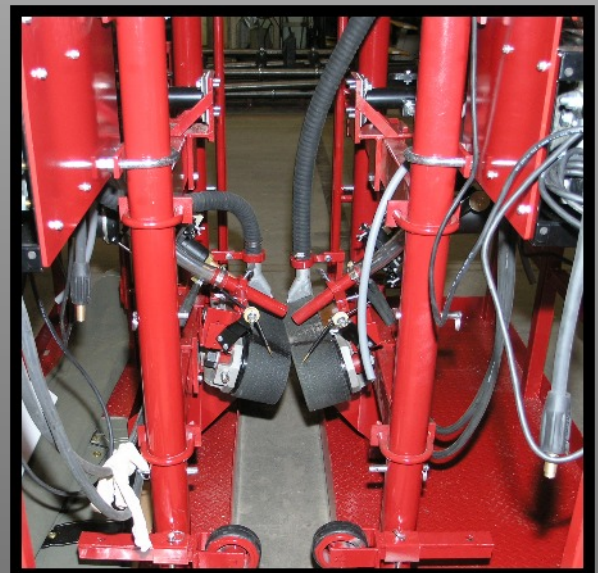
Adjustable for plates from 6' to 10' tall



KOIKE ARONSON, INC. / RANSOME

Features

- Effectively cuts welding time up to 40%
- Adjustable frame for plates 6 ft to 10 ft tall (1.8m-3m)
- Unlimited tank diameters down to 20' in diameter
- High / low rapid travel select controls
- Self propelled at speeds from 4 to 105 IPM
- Plates up to 2" thick
- Single and Double sided operation



Specifications

Automatic Girth Welders

Includes

Operator's Platform with seat
Wire Feeder and Control
Power Source
Vertical Adjuster
Horizontal Adjuster
Flux Belt Assembly
Flux Re-circulating System
Pre-Heat Torch
Service Skid with Disconnect
Tropicalized Controls.
Weather Curtains
200 feet of Control Cable Assembly
Loading Safety Wheels
Operator Communication System (AGW-II Only)
Operators Manual
Tool Kit



Standard Welding Packages Available:

Miller SAW Package

- ◆ HDC 1500A Controller
- ◆ RAD 400 Wire Feeder
- ◆ Sub Arc DC 650 Power Source

Lincoln SAW Package

- ◆ NA-3 Controller
- ◆ NA-3 Wire Feeder
- ◆ DC-600 Power Source

Special Options

- ◆ AC Models Available
- ◆ Open Arc models Available
- ◆ Custom Engineered Models Available
- ◆ Stainless Wheels Kits Available

Adjustable tubular frame for plates 6ft to 10ft tall
(1.8m - 3.05m)

Min. 20ft (6.1m) to an Unlimited tank diameter range

Travel speeds 4 - 105 ipm (.10 - 2.67 m/min)

Speed, direction and rapid travel select controls
(Master side)

Average welding speed is approximately 30 ipm (.762 m/min)
with a deposition rate of 11# per hour. (per side)



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