

AGW Series

AGW-LW Light Weight Automatic Girth Welders

**Weights less than
1,000 lb. (450 kg)
w/o canvas**



Koike Aronson / Ransome's AGW-LW Light Weight Automatic Girth Welder is an automatic system that speeds up construction of thin walled 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 thin as 3/16 inches and tank diameters down to 12'. Equipped with welding head, controls, flux support belts and recovery unit for 3 o'clock welding. Standard controls and welding head, straightener and 50 bs. (22.7Kg) wire reel included. The adjustable submerged arc flux belt mechanism ensures retention of the flux at the joint, and efficient recycling of flux.

Thin Walled, Small Diameter



KOIKE ARONSON, INC. / RANSOME

Features

- 40% lighter than standard AGW-I
- Effectively cuts welding time up to 40%
- Adjustable frame for plates 6ft to 10ft tall (1.8m-3m)
- 12' Tank diameters and up
- High/low rapid travel select controls
- Self propelled at speeds from 4 to 105 IPM
- Plates down to 3/16" thick



Specifications

LW-Automatic Girth Welders

Includes

Operator's Platform with seat
Wire Feeder and Control
Power Source
Vertical Adjuster
Horizontal Adjuster
Adjustable Flux Belt Assembly
Flux Recirculating System
Pre-Heat Torch
Service Skid with Disconnect
Tropicalized Controls.
Weather Curtains and Roof
200 feet of Control Cable Assembly
Loading Safety Wheels
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. 12ft (5.6m) to an Unlimited tank diameter range
Travel speeds 4-105 ipm (.10 - 2.67 m/min)
Speed, direction and rapid travel select controls

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



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