

# AGW

## AUTOMATIC GIRTH WELDERS Single and Double Sided Models



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. The Lincoln NA-3 solid state control and welding head fitted with nozzles, wire feed rolls, straighteners and 50 Lbs. (22.7Kg) wire reels for either single or Twin-arc wire are standard. Submerged arc flux belt mechanism ensures retention of the flux at the joint, and efficient recycling of flux. Open arc models are available upon request.

### Adjustable Frame for Plates 6' to 10' Tall



**KOIKE ARONSON, INC. / RANSOME**

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### Features

- ◆ Effectively cuts welding time up to 40%
- ◆ Adjustable frame for plates 6ft to 10ft tall (1.8m-3m)
- ◆ Unlimited tank diameters down to 15' 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

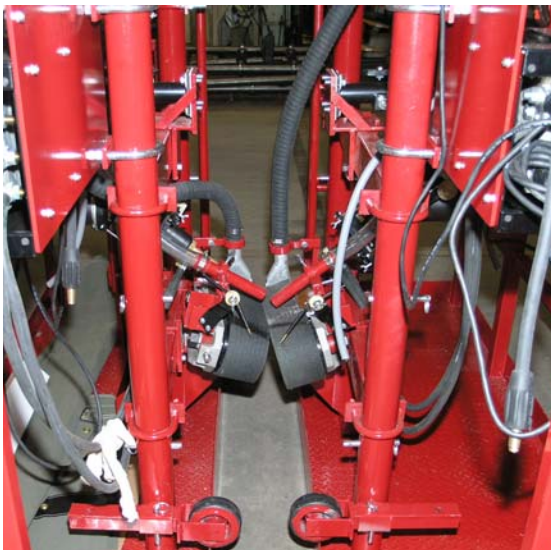
Operator's Platform with seat  
Lincoln **NA-3** Wire Feeder and Control  
Lincoln **DC-600** or **DC-1000** Power Source  
Vertical Adjuster  
Horizontal Adjuster  
Flux Belt Assembly  
Flux Recirculating System  
Lincoln Tiny Twin Wire Kit  
Pre-Heat Torch  
Service Skid with Disconnect  
Tropicalized Controls.  
Weather Curtains  
**200 feet** of Control Cable Assembly  
Loading Safety Wheels  
Operator Communication System (*AGW-II Only*)  
Operators Manual  
Tool Kit

### Notes

- ◆ NA-5 Controls Available
- ◆ CE-Mark Compliant Models Available
- ◆ Custom Engineered Models 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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