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
P.O. Box 307, Arcade, New York 14009
Phone (585) 492-2400 Fax (585) 457-3517
www.koike.com

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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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Visit us at www.koike.com

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