

# VUP WELDERS

## VUP VERTICAL WELDING SYSTEM



### Single Pass Process for Mild Steel



The Koike Aronson/Ransome Single Pass Vertical-Up Welder (VUP) can complete 10-12 vertical seams on a field erected storage tank with 8' tall x 1" thick seams in one work shift. X-Ray quality welds with one operator and one machine.

The frame consists of a vertical column mounted on a manual or optional powered carriage and roller assembly that rides on the top edge of the tank shell.

Lift controls include up/down switch, high/low speed potentiometers and rapid speed selector that control a variable speed motor that is electronically integrated with the welding control, which automatically adjusts speed to maintain the optimum nozzle to weld puddle relationship.

A Lincoln NA-3 head and control is supplied with two K-176 Nozzles for welding with either 3/32" or .120" diameter NR-431 Innershield wire. The NA-3 head is mounted on a free moving slide providing manual lateral adjustment. An air operated bracket supports a articulated copper shoe assembly.

### Features

- ◆ X-Ray Quality Welds
- ◆ Single Pass Operation
- ◆ Adjustable frame for plates 6ft to 10ft tall (1.8m-3m)
- ◆ Unlimited tank diameters
- ◆ Optional Powered Oscillator for 1-1/4" to 3" plate
- ◆ Optional Powered Lateral Travel
- ◆ DC-1000 Power Source



**KOIKE ARONSON, INC. / RANSOME**

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# Specifications



## VUP VERTICAL WELDING SYSTEM Single-Pass Process for Mild Steel

### Includes

Lincoln NA3 Wire Feeder  
Lincoln NA-3 Control  
Lincoln DC-1000 Power Source.  
Vertical Support Column.  
Front and Rear Sliding Shoe.  
Water Recirculator.  
Power Skid.  
Lifting Bale.  
Input Power Disconnect  
200 Feet of Control Cable.  
Tropicalized Controls.  
Manual or Powered Lateral Travel  
Operators Manual  
Tool Kit

Koike Aronson / Ransome single pass  
Vertical-Up Welding System for field  
Construction welds 20 Times faster  
Than conventional stick Electrodes.

No joint preparation required, square  
Butt design saves construction  
Time and money.

### Notes

- ◆ Multi Pass MIG Models Available
- ◆ Portable Track Guided Models Available
- ◆ Custom Engineered Models Available



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



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**Visit us at [www.koike.com](http://www.koike.com)**

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