

IDEALARC R3R 600-I

ADVANTAGE LINCOLN

- Great operator appeal.
- Despite input voltage or ambient temperature changes, the R3R 600-I compensates and continues to produce a quality, low spatter, smooth arc without pop-outs.
- R3R 600-I line voltage compensation holds the output constant with a $\pm 10\%$ input variation.
- Easy to operate. Calibrated current control knob makes procedure setting easy.
- The design provides long life and low cost operation.
- Smooth arc makes it easy to weld with different electrodes, including mild steel, low hydrogen, stainless steel and hardfacing electrodes.
- Stackable case design with built-in lift hook allows for easy storage and handling. Machines can safely be stacked three high to conserve floor space.
- All weather protection for field construction.
- Submersion dipped transformer assembly for added corrosion and moisture protection.
- Totally enclosed fan motor is permanently lubricated.
- Powder paint finish for increased durability.
- Fan-cooled for extra thermal protection.
- Designed to NEMA specifications.
- Australian made.
- 3 year warranty.



THE TOTAL SOLUTION

The Idealarc R3R 600-I is Lincoln's premium stick welder. Producing a smooth and stable DC arc for welding a wide variety of materials including carbon, low alloy and stainless steels, as well as a forceful driving arc for gouging applications.

Applications include: field construction, shipbuilding, offshore oil platforms, water towers, storage tanks, pipeline welding, industrial shop fabrication and maintenance welding.

The R3R 600-I is especially suited for critical welding applications using low hydrogen and stainless steel electrodes. Featuring an arc with superior all position welding stability, which resists pop-outs, limits spatter and makes code quality welds and clear x-rays easier to attain.

The R3R 600-I Arc Force Control also adds to the operator appeal of these units. By simply adjusting the Arc Force Control, you can either create a soft welding arc for critical welding applications or a forceful driving arc for heavy duty welding and gouging applications.

Built to last - all weather protection features a totally enclosed control circuit compartment. Designed to IP-23 requirements. Submerged dipping of all transformer base assemblies in a special epoxy-based sealing/insulating enamel provides added protection against moisture or corrosive atmosphere such as salt air.

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TECHNICAL SPECIFICATIONS

Part Number	Description	Input Voltages	Rated input AS1966.1	Duty Cycle	Output Range	Max OCV	Weight	Dimensions H x W x D
K1381A1	R3R 600-I	220/380/440/3/50/60	65/38/32A	600A,44V@35%	75-625A	64	202kg	699 x 566 x 840mm
K1381A7	R3R 600-I	415/3/50/60	34A	500A,40V@60% 375A,35V@100%				

OPTIONS AVAILABLE

Remote Current Control - Portable current control provides the same dial range as the current control on the welder.

8.5m cable **Order K857**
30m cable **Order K857-1**

Accessory Kits

Consists of electrode and work cables, headshield, electrode holder and work clamp.

Order KIT1700 and KIT400

Undercarriage - Platform undercarriage with mountings for two gas cylinders at rear of welder.

Order KA1237

Undercarriage - A mounting frame with wheels for hand moving.

Order KA1236

TIG WELDING OPTIONS

TIG Module - Portable, high frequency unit with gas valve for TIG welding. Rated at 300 amps @ 60% duty cycle. **Order K930-2**

Water Valve Kit - For use with a water-cooled TIG torch. Controlled by the preflow and afterflow timers. Installs inside the TIG Module. **Order K844-1**

Amptrol™ - Provides 7.6m of remote current control for TIG welding. (6 pin MS-type plug connection).

Foot Amptrol **Order K870**

Hand Amptrol:

For use with LA-9, LA-17 and LW-20 torches. **Order K963-1**

For use with LA-26 and LW-18 torches. **Order K963-2**

Contact Kit - For use with the TIG Module. **Order K938-1**

Docking Kit - Secures TIG Module on top of R3R-I machines, or any flat surface at least 254 x 381mm. Mounts using strong grip adhesive pad or fasteners. Includes latch and provisions for a user-supplied padlock. **Order K939-1**

Control Cable - Connects the TIG Module to the R3R-I machine (9 to 6 plus 115V plug). **Order K936-3**

Your local Lincoln distributor is:

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice and assumes no responsibility, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

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 THE WELDING EXPERTS

Your local Lincoln distributor is: