

AIR N ARC® I300

ALL-IN-ONE Power Systems®



Inclusive, innovative, indispensable

Vanair's inclusive, innovative, indispensable Air N Arc® I-300 is the first system in the world to offer six forms of power in a single 48" unit. Based on the technology of the Air N Arc® 300 diesel system, it provides an integrated 40 cfm rotary screw compressor, 7kW AC generator, 300 amp welder, battery booster and battery charger, with the newly added power of a 10.5 gpm hydraulic pump...all driven by a single engine. Designed to provide full functionality with the truck engine off, mechanics can remain productive in all areas of their workday. The Air N Arc® I-300 offers enough power to run a crane and the technology to integrate with the crane control.

SPECIFICATIONS

Engine	25 HP Kubota, Liquid Cooled
Compressor Type	Rotary screw
Max Pressure (psi)	175
CFM Rating	40 CFM at high speed, 30 CFM at idle
Fuel Tank (gal.)	12
Generator Wattage	7000 peak - 6800 continuous watts 120V GFCI and 240V outlets
Hydraulic Output - Piston Pump	Up to 13 gpm, up to 3000 PSI
Welder Amperage	High frequency welding CC = 30-300 amps, CV = 15-40V operating range 270 amps at 100% duty cycle
Battery Charger/Booster	300 amps 12V charge and 12V/24V boost
Drive System	Belt driven
Dry Weight (lbs.)	910
Dimensions (in.)	47L x 21W x 33H

Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for specific details. Do not weld with the electrode holder connected to the negative port and the work piece connected to the vehicle. Bodily harm and equipment damage may occur.



VANAIR®
MOBILE POWER SOLUTIONS™

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SPECIAL FEATURES

- One unit incorporates air compressor, generator, battery booster, battery charger, welder and hydraulic pump. No need for auxiliary plug-in welder or battery booster
- Reliable and easy electric starting Kubota engine
- Heavy duty belt drive system for anti-vibration and long service intervals
- Includes electric fuel pump for easy install
- One unit to start all your equipment with battery charge and boost capability offering: 12V charge, 12V /24V boost. Capable of charging vehicle's battery.
- True 2 generator system for safe multi-function of welder and electric tools
- CV MIG capability
- All the benefits of a high frequency welder offering excellent weld characteristics
- Throttle control for weld/battery boost function
- Rotary screw compressor for air on demand offering: 40 cfm at high speed and 30 cfm at idle
- Integrated lift hook and battery tray
- Battery isolator switch
- Starter isolator switch
- Battery jump start receptacle
- Manual reset circuit breakers
- Control panel can be remotely mounted for the ultimate user convenience
- Designed for easy maintenance and fuel efficiency
- Small dimensions allow unit to fit on a side-back or be mounted behind the cab
- Powder coated sheet metal
- Galvannealed canopy

AIR COMPRESSOR

- Rotary screw compressor - encapsulated
- 40 CFM @ 100 PSI; 30 CFM @ idle
- 175 max PSI

WELDER

- High frequency welding CC/DC CV/DC 30-300 Amps operating range 270 Amps at 100% duty cycle
- Independent welding generator
- Safe multi-function
- Auto throttle control
- CV mig capability, 15-40V DC Power

GENERATOR

- 7000 peak - 6800 continuous watts 120V GFCI and 250V outlets
- Independent AC power for safe multi-functioning
- Brushless
- Smooth wave

BATTERY BOOST/CHARGE

- 12V charge
- 12V/24V boost
- Capable of jump starting your truck's engine
- Maintains truck's battery and operates work and emergency lights while engine is off

HYDRAULIC PUMP

- Up to 10.5 GPM
- 3000 maximum PSI
- Variable displacement hydraulic piston pump compatible with both an open center and closed center system

ENGINE

- 25 HP Kubota engine, liquid cooled
- Electric start
- Glow plug

OPTIONS/ACCESSORIES

- Welding cables - 25', 50'
- Welding helmet with auto darkening lens
- Battery booster cables
- Cable extension segment
- Fuel tank – slimline 11 gal
- Remote air tank – 30 gal
- Remote condensation drain
- Hose reels
- Cold weather kits
- Maintenance kits
- Welding rods
- Dry cell battery
- Hose reels
- GFCI outlet for protection of 120V/240V - remote panel machines only

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.

