

AIR N ARC® I300

ALL-IN-ONE Power Systems®

with Hydraulic Reservoir



Six forms of power on a single platform for transferability and flexibility

The new Air N Arc® I-300 with an integrated hydraulic reservoir provides you with air, generator, welding, hydraulic pump and battery boost and charge on a single self-contained platform. Fully functional on and off your vehicle, the new system is ideal for all your field service and hydraulic tool needs.

SPECIFICATIONS

Engine	25 HP Kubota, Liquid Cooled (Tier 4 compliant)
Compressor Type	Rotary screw
CFM Rating	40 CFM at high speed, 30 cfm at idle
Max Pressure (psi)	175
Fuel Tank (gal.)	12
Generator Wattage	7000 peak - 6800 continuous watts 120V GFCI and 240V outlets
Hydraulic Output - Piston Pump	Up to 13 gpm
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
Wet Weight (lbs.)	1600
Dimensions (in.)	72L x 21W x 43H with platform

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
- 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
- Variable displacement hydraulic piston pump compatible with both an open center and closed center system
- Designed for easy maintenance and fuel efficiency
- Powder coated sheet metal
- Galvannealed canopy

AIR COMPRESSOR

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

WELDER

- 30-300 amps high frequency CC/DC, CV/DC, 270 Amps 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 240V 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

HYDRAULIC RESERVOIR

- 20 gal reservoir with filter, oil level sight glass and temperature gauge

ENGINE

- 25 HP Kubota engine, liquid cooled
- Electric start
- 12 gal fuel tank
- Saves fuel by providing power with vehicle's engine off

SKID MOUNT

- Includes fork lift pockets for easy transferability

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

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

