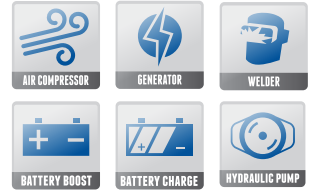


# AIR N ARC I-300



## The All-In-One Power System® Six Forms of Power Plus Multi-Functioning Capabilities

Vanair's Air N Arc® I-300 is the first system in the world to offer six forms of power in a single 48" unit with multi-functioning capabilities. The Air N Arc® I-300's unique system allows you to turn off the trucks engine while still supporting the electrical of the truck, so all the emergency lighting can still be used without fear of killing the truck battery. The Air N Arc® I-300 provides an integrated 40 CFM rotary screw compressor, 7 kW AC generator, 300 AMP welder, battery booster and battery charger, with the added power of a hydraulic pump...all driven by a single engine. The Air N Arc® I-300 offers enough power to run a crane and the technology to integrate with the crane control.

### SPECIFICATIONS

<b>Engine</b>	24.8 HP Kubota®, Liquid Cooled (Tier 4 Compliant)
<b>Air Compressor</b>	Rotary Screw, 40 CFM Free Air at High Speed 30 CFM Free Air at Idle, 175 PSI Max
<b>Generator</b>	6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V GFCI and 240V Outlets
<b>Hydraulic Output</b>	Up to 13 GPM, Up to 3000 PSI (10.5 GPM Hydraulic Piston Pump)
<b>Welder</b>	High Frequency DC Welding, 300 AMPS Peak , 260 AMPS @ 100% Duty Cycle CC: 40-300 AMPS Operating Range, CV: 15-30 Volts
<b>Battery Charge/Booster</b>	300 AMPS 12V/24V Boost, 50 AMP 12V Charge
<b>Drive System</b>	Belt Driven
<b>Fuel Capacity</b>	Plumb to Chassis or Optional 12 Gal. Remote Tank

Dimensions with fittings (In.): 47.1L X 25.2W X 33.4H | Dry Weight (Lbs.): 900 | Standard side-mount receiver configuration

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligation.  
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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
- Electric Fuel Pump for Ease of Chassis Fuel System Integration
- Capable of Charging Vehicle's Battery.
- True Two Generator System for Safe Multi-function of Welder and Electric Tools
- CV Functionality for Voltage Sensing Suitcase Feeder for MIG Welding
- Rotary Screw Air Compressor for Air On Demand
- Integrated Lift Hook and Battery Tray
- Battery Jump Start Receptacle
- Manual Reset AC Circuit Breakers
- Designed for Easy Maintenance and Fuel Efficiency
- Small Footprint - Will Fit on Side Pack or Behind Cab
- Powder Coated Sheet Metal
- Galvannealed Canopy

#### **AIR COMPRESSOR**

- Rotary Screw Compressor - Encapsulated
- 40 CFM @ 100 PSI High Speed; 30 CFM @ 100 PSI Low Speed
- 175 Max PSI (Factory Set @ 150 PSI)

#### **GENERATOR**

- 7 kW Peak
- 6.8 kW Continuous @ 60 Hz Single Phase
- Independent AC Power for Safe Multi-Functioning
- Brushless
- Smooth Wave for Minimal Distortion
- Two-120V GFCI Outlets and One-240V Outlet

#### **COLD WEATHER PACKAGE**

- Standard 12V Chassis Powered Thermal Blankets for Cold Weather

#### **WELDER**

- High Frequency DC Welding
- CC Range 40 – 300 AMPs Operating Range
- CV Range 15 – 30 Volts
- 260 AMPs at 100% Duty Cycle
- Independent Welding Generator
- Safe Multi-Function
- Auto Speed Control
- CV MIG Capability

#### **BATTERY BOOST/CHARGE**

- 300 AMP 12V/24V Boost
- 50 AMP 12V Charge
- 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 13 GPM
- 3000 Maximum PSI
- Variable Displacement Hydraulic Piston Pump Compatible with Both an Open Center and Closed Center System

#### **ENGINE**

- 24.8 HP Kubota® Engine, Liquid Cooled (Tier 4 Compliant)
- Electric Start
- Automatic Glow Plug

#### **OPTIONS/ACCESSORIES**

- Welding Cables - 25', 50'
- Welding Helmet with Auto Darkening Lens
- Battery Booster Cables
- Cable Extension Segment
- Fuel Tank – Slimline 11 Gallons
- Remote Air Tank – 30 Gallons
- Remote Condensation Drain
- Hose Reels
- 120V Cold Weather Thermal Blankets
- 120V Engine Block Heater
- Maintenance Kits
- Option for GFCI Protected 120V/240V Receptacles
- Hydraulic Reservoir
- 50' Welding Reels