

Authorized Dealer:



Air N Arc® ALL-IN-ONE Power Systems®

150 Series • 250 Series • 300 Series • PowerFlex™ Series



AIR N ARC 150



AIR N ARC 250



AIR N ARC SERIES



POWERFLEX SERIES

AIR N ARC® SERIES

Offering the industry's only true 6 power sources in one unit — no added welders or hydraulic pumps needed!

The Air N Arc® ALL-IN-ONE Power Systems® provides up to six forms of power in one compact machine that increases performance while reducing cost and downtime. Featuring configurations consisting of a welder, generator, air compressor, battery booster, battery charger and hydraulic pump, the Air N Arc® line provides you with a complete mobile workstation on the back of your truck.



Air N Arc® 150



Reciprocating Air Compressor

Engine	14 HP Kohler® or 19 HP Kohler®		
Air Compressor	Type: Reciprocating	CFM Rating: 20 CFM	Max Pressure: 150 PSI
Generator	5 kW Peak, 4.2 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets		
Welder	14 HP Stand-alone: CC: 40-190 AMPs operating range 19 HP with Remote Panel : CC: 40-190 AMPs, CV: 15-30V		
Battery Charge/Booster	150 AMPs 12V/24V Boost, 50 AMP 12V Charge (Optional for 19 HP Engine Only)		
Drive System	Belt Driven		
Fuel Capacity	1.9 Gal. or plumb to chassis (Kohler® 14) or 4.5 Gal., 11.5 Gal. or plumb to chassis (Kohler® 19)		

Unit Dimensions (In.):

47.8L x 21.1W x 28.6H - 8 Gal. Kohler® 19 HP

51.5L x 21.0W x 31.2H - 10 Gal. Kohler® 14 HP

50.7L x 19.2W x 40.8H - 30 Gal. Kohler® 14 HP

48.2L x 22.2W x 40.8H - 30 Gal. Kohler® 19 HP

50.3L x 18.2W x 24.2H - Skid Mount Kohler® 14 HP

48.1L x 22.4W x 24.2H - Skid Mount Kohler® 19 HP

Dry Weight (Lbs.): 345-565 (depending on platform)



Air N Arc® 250



Reciprocating Air Compressor

Engine	23.5 HP Kohler®		
Air Compressor	Type: Reciprocating	CFM Rating: 24 CFM	Max Pressure: 175 PSI
Generator	5 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets		
Welder	High Frequency DC welding, 250 AMPS at 100% duty cycle CC: 40-250 AMPs Operating Range, CV: 15-30 Volts		
Battery Charge/Booster	300 AMPs 12V/24V Boost, 50 AMP 12V Charge		
Drive System	Belt Driven		
Fuel Capacity	11.5 Gal. or Plumb to Chassis		

Dimensions (In.): 48.8L x 23.4W x 43.3H - 30 Gal. Air Tank, 48.1L x 22.9W x 27.0H - Skid Mount/Remote Tank

Dry Weight: 725 Lbs. - 30 Gal., 500 Lbs. - Skid



Air N Arc® 300 Gas & Diesel



Rotary Screw Air Compressor | Generator | Welder | Battery Booster | Battery Charger

Engine	Gas: 26.5 HP EFI Kohler®, Air Cooled Diesel: 25 HP Kubota®, Liquid Cooled (Tier 4 Compliant)		
Air Compressor	Type: Rotary Screw	Max Pressure: 175 PSI	CFM Rating: 40 CFM
Generator	7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets		
Welder	High Frequency DC welding, 270 AMPS at 100% duty cycle CC: 40-300 AMPS Operating Range, CV: 15-30 Volts		
Battery Charge/Booster	300 AMPS 12V/24V Boost, 50 AMP 12V Charge		
Drive System	Belt Driven		
Fuel Capacity	12 Gal. Integral Tank (Optional Remote Tank or Plumb to Chassis)		

Air N Arc® 300 Gas Unit Dimensions:
Foot Print (In.): 47.1L x 21.5W x 30.9H
With Fittings (In.): 47.1L x 24.6W x 30.9H
Dry Weight (Lbs.): 700

Air N Arc® 300 Diesel Unit Dimensions:
Foot Print (In.): 47.5L x 21.0W x 33.4H
With Fittings (In.): 48.0L x 25.0W x 33.4H
Dry Weight (Lbs.): 883



Air N Arc® 300 Hydraulic



Rotary Screw Air Compressor | Generator | Welder | Battery Booster | Battery Charger

Drive System	Open Center Hydraulic		
Hydraulic Requirements	19 GPM @ 2800 PSI multifunction/14.5 GPM @ 2500 PSI Single function		
Air Compressor	Type: Rotary Screw	CFM Rating: 40 CFM	Max Pressure: 175 PSI
Generator	7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets		
Welder	High Frequency DC welding, 270 AMPS at 100% duty cycle CC: 40-300 AMPS Operating Range, CV: 15-30 Volts		
Battery Booster/Charger	300 AMPS 12V/24V Boost, 50 AMP 12V Charge		

Unit Dimensions Foot Print (In.): 48.7L x 21W x 30.9H
Dry Weight with Control Panel (Lbs.): 621



Ratings above are approximate and are based on 120 °F hydraulic fluid temperature. Consult Vanair for specific details.

Air N Arc® I-300



Rotary Screw Air Compressor | Generator | Welder | Battery Booster | Battery Charger | Hydraulics

Engine	25 HP Kubota®, Liquid Cooled (Tier 4 Compliant)
Air Compressor	Type: Rotary Screw CFM Rating: 40 CFM free air at high speed 30 CFM free air at idle Max Pressure: 175 PSI
Generator	7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V GFCI and 240V Outlets
Hydraulic Output	Up to 13 GPM, up to 3000 PSI (10.5 GPM Hydraulic Piston Pump)
Welder	High Frequency DC Welding, 270 AMPs at 100% Duty Cycle CC: 40-300 AMPs Operating Range, CV: 15-30 Volts
Battery Charge/Booster	300 AMPs 12V/24V Boost, 50 AMP 12V Charge
Drive System	Belt Driven
Fuel Capacity	Plumb to chassis or optional 12 Gal. remote tank

Dimensions (In.): With Fittings: 47.1L x 25.2W x 33.4H
Foot Print: 47.1L x 21.0W x 33.4H
Dry Weight with Control Panel (Lbs.): 852

Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for specific details.



POWERFLEX[™] SERIES

Modular Air N Arc® systems without the welders, to meet your exact needs.

HPU



Hydraulic & DC Power

DC Generator	12 V Charge, 250 AMP Alternator
Hydraulic Flow*	Up to 13 GPM
Hydraulic Pressure*	Up to 3000 PSI
Engine Type	25 HP Kubota® Tier 4 Final
Drive System	Belt Driven
Fuel Type	Diesel
Fuel Capacity	Plumb to Chassis or Remote Tank

Dimensions (In.): 41L X 21.5W X 26.4H**
Dry Weight (Lbs.): 490



AE Available with and without integrated fuel tank.



Air Compressor & Generator

CFM Rating	40 CFM @ High Speed
Air Pressure	150 PSI
Compressor Type	Rotary Screw
AC Generator	6.8 kW @ 60 Hz, 120/240 V
Engine Type	25 HP Kubota® Tier 4 Final
Drive System	Belt Driven
Fuel Type	Diesel
Fuel Capacity	Integrated 12 Gal. or Plumb to Chassis

Base Dimensions (In.): 47.6L X 21W X 33.4H**

Dry Weight (Lbs.): 790



AH With integral hydraulic tank.



Air Compressor & Hydraulic

CFM Rating	40 CFM @ High Speed / 30 CFM @ Idle Speed
Air Pressure	150 PSI
Compressor Type	Rotary Screw
Hydraulic Flow*	Up to 13 GPM
Hydraulic Pressure*	Up to 3000 PSI
Engine Type	25 HP Kubota® Tier 4 Final
Drive System	Belt Driven
Fuel Type	Diesel
Fuel Capacity	Plumb to Chassis or Remote Tank

Base Dimensions (In.): 47.6L X 21W X 33.4H**

Dry Weight (Lbs.): 802



AEH



Air Compressor, Generator & Hydraulic

CFM Rating	40 CFM @ High Speed / 30 CFM @ Idle Speed
Air Pressure	150 PSI
Compressor Type	Rotary Screw
AC Generator	6.8 kW @ 60 Hz, 120/240 V
Hydraulic Flow*	Up to 13 GPM
Hydraulic Pressure*	Up to 3000 PSI
Engine Type	25 HP Kubota® Tier 4 Final
Drive System	Belt Driven
Fuel Type	Diesel
Fuel Capacity	Plumb to Chassis or Remote Tank

Base Dimensions (In.): 47.6L X 21W X 33.4 H**

Dry Weight (Lbs.): 870



*Ratings are approximate and are based on 120°F hydraulic fluid temperature. Hydraulic relief valve is set at 3300 PSI. Consult Vanair for specific details.

**Dimensions listed are not a complete representation of total space necessary. Please consult Vanair for overall space and air requirements.

Authorized Dealer:



Our Definition of



Power Systems® is Different Than Others

Others claim to offer all-in-one power units, but when Vanair® says it – we mean it. Our Air N Arc® I-300 system delivers a rotary screw air compressor, generator, welder, battery booster, battery charger, and hydraulic pump – ready to go. With this convenient, lightweight, compact unit there is no need to buy an auxiliary hydraulic pump or welders for the functionality you need.

No other company offers SIX FORMS OF POWER in one unit. That's an unbeatable ALL-IN-ONE Power System®.



/ Vanair's **There**