

# AIR N ARC

ALL-IN-ONE Power Systems®



## Highly Portable, Mobile and Powerful Worksite

The Toolcat self-contained utility vehicle combined with Vanair's Air N Arc® 300H provides air and electric power for heavy duty hand held tools along with welding, battery boost, and battery charging. The Toolcat's unique features transforms this unit into a highly portable, mobile, and powerful worksite.

### SPECIFICATIONS

|                                |  |
|--------------------------------|--|
| <b>Drive System</b>            | Open Center Hydraulic  |
| <b>Hydraulic Requirements</b>  | 19 GPM @ 2800 PSI Multifunction  |
| <b>Max Pressure (PSI)</b>      | 175  |
| <b>CFM Rating</b>              | 40 CFM   |
| <b>Compressor Type</b>         | Rotary Screw   |
| <b>Generator Wattage</b>       | 7000 Peak - 6800 Continuous Watts, 120V GFCI and 240V Outlets, 60 HZ Single Phase                          |
| <b>Welder Amperage</b>         | High Frequency, DC Welding, CC 40-300 AMPS, Operating Range<br>270 Amps at 100% Duty Cycle, CV 15-30 Volts |
| <b>Battery Charger/Booster</b> | 300 Amps 12/24V Boost and 50 AMP 12V Charge  |
| <b>Dry Weight (lbs.)</b>       | 621  |
| <b>Dimensions (in.)</b>        | 49L x 21W x 31H  |

\* Ratings are approximate and are based on 120°F hydraulic fluid temperature. Add 400 PSI minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Consult Vanair® for specific details. Do not weld with the electrode holder connected to negative port and the work piece connected to the vehicle. Bodily harm and equipment damage may occur.

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligation. TOOLCAT\_ 12082017



### **SPECIAL FEATURES**

- TRUE 2 generator system for safe multi-function of welder and electric tools
- Integrated hydraulic cooler
- All the benefits of a high frequency welder offering excellent weld characteristics
- CV MIG capability
- One unit to start all your equipment with battery charge and boost capability offering: 12V charge, 12V /24V boost
- 40 CFM rotary screw compressor for air on demand
- Heavy duty belt drive system for anti-vibration and long service intervals
- Control panel can be remotely mounted for the ultimate in user convenience
- Integrated lift hook
- Designed for easy maintenance with hinged lid
- Small dimensions allow unit to fit on a side-pack or be mounted behind the cab
- Powder coated sheet metal
- Galvannealed steel

### **AIR COMPRESSOR**

- Rotary screw compressor - Encapsulated
- 40 CFM @ 150 PSI
- 175 max PSI

### **WELDER**

- High Frequency DC Welding
- 270 AMPs at 100% Duty Cycle
- CC Range 40 – 300 AMPs Operating Range
- CV Range 15 – 30 Volts
- Independent DC Welder
- Safe Multi-Function

### **GENERATOR**

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

### **BATTERY BOOST/CHARGE**

- 300 AMP 12V/24V Boost
- 50 AMP 12V Charge

### **OPTIONS/ACCESSORIES**

- Welding cables - 25', 50'
- Welding helmet with auto darkening lens
- Battery booster cables
- Cable extension segment
- Remote air tank – 30 gal.
- Remote condensation drain
- Maintenance kits
- Welding rods
- Compressor air inlet heater

### **HYDRAULIC SYSTEM REQUIREMENTS**

All hydraulic ratings and pressures are at the machine and do not take into account the pressure drops of individual hydraulic systems. These pressure drops need to be taken into account and added to the rating of the hydraulic pump and components. Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following: The hydraulic flow and pressure requirements of the air compressor, the continuous hydraulic load when the compressor is running, the duty cycle and ambient operating temperatures, and any other hydraulic equipment that may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit).