

**Red-D-Arc
Welderrentals**

VIPER
Plasma Cutter



Cutting Capacity up to 3/4"
28 IPM Cutting Speed at 1/2"
High Speed Inverter Technology
60 Amps of Output at 50% Duty Cycle
PCT 80 Plasma Torch without High Frequency

1-866-733-3272
Rental Centers Across North America

North America's Largest Fleet of Welding and Positioning Equipment

VIPER

Plasma Cutter

FEATURES:

- **PCT 80 torch operates without high frequency resulting in higher reliability and low noise emission**
- **immediate main arc startup for increased production (no starting delays, and better performance on expanded metal)**
- **patented Vortech™ torch nozzle design results in enhanced cutting capacity**
- **torch uses only 3 consumable parts for easy maintenance**
- **patented full-flow cooling for long consumable life**
- **simple to understand back-lit LED status indicators**
- **unmatched cutting speeds, low dross levels and unparalleled ease of use**
- **unparalleled gouging performance in a unit of this size**
- **true nozzle sensing safety mechanism**
- **quick disconnect torch for fast and easy torch removal**
- **built-in parts storage bin in front panel**
- **thermostatically protected**
- **3 year warranty on parts and labor (1 year warranty on torch)**
- **line voltage compensated for constant output regardless of fluctuations in input power**
- **one control dial for easy operation**
- **control panel pressure gauge**
- **air filter and regulator are standard**
- **certified to ISO 9002 requirements**
- **optional valet style undercarriage with torch storage compartment and pull-out handle permits operation in a vertical position to maximize shop floor space and provides the ultimate in portability**
- **cuts 1/2" material at 18 IPM when operated with a GX271 portable welder**

SPECIFICATIONS

- **Weight: 55 lb (25 kg)**
- **Dimensions (with K1838-1 undercarriage): Height: 19.5" (495 mm), Width: 13.25" (337 mm), Length: 26" (660 mm)**
- **Cutting Capacity: Production 1/2" at 28 IPM, Recommended 3/4" at 13 IPM, Maximum 1" at 8 IPM**
- **Current Range: 25 - 60 amps**
- **PCT 80 torch is rated at 80 amps, 100% duty cycle**
- **Requires 80 to 150 psi gas inlet pressure and 70 psi @ 360 SCFH flow rate at the torch**

CONSUMABLE PARTS

- **Cutting Electrode** **KP2063-1B1**
- **Vortech Nozzle (.043)** **KP2062-2B1**
- **Vortech Gouging Nozzle (.068)** **KP2062-4B1**
- **Shield Cup** **KP2064-1**
- **Drag Cup** **KP2065-1**

Input Amps at 55 Amps Output
60 amps @ 208 VAC, 1 phase
31 amps @ 208 VAC, 3 phase
55 amps @ 230 VAC, 1 phase
28 amps @ 230 VAC, 3 phase
30 amps @ 460 VAC, 1 phase
17 amps @ 460 VAC, 3 phase
14 amps @ 575 VAC, 3 phase*

*460/575 volt, 3 phase model