



# Certificate of Compliance

**Certificate:** 1438189 (LR 80636-44C)

**Master Contract:** 154351

**Project:** 1438189

**Date Issued:** 2003/05/05

**Issued to:** **Hypertherm, Incorporated**  
**Etna Rd**  
**Hanover, New Hampshire 03755**  
**USA**  
**Attention: Rich Trainor**

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



**Issued by:** Tan Lu

**Authorized by:** Nick Alfano, Operations Manager

## **PRODUCTS**

**CLASS 5611 81** - WELDING MACHINES - Certified to US Standards

**CLASS 5611 01** - WELDING MACHINES

CLASS 5611 01 - WELDING MACHINES

CLASS 5611 81 - WELDING MACHINES - CERTIFIED TO U.S. STANDARDS

Part A:

Plasma Arc Cutter, Model POWERMAX 1100, portable, cord connected:

Rated input 208/240/480V, 1 ph, 50/60 Hz, 92/80/40Amps

208/240/480V, 3 ph, 50/60 Hz, 53/46/23Amps

Rated output 80A, 140V dc, increasing to 297 Vdc(252V dc with pilot arc controller option) at 0 amp, 50 %

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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duty cycle OCV 300Vd(max) For use with torches, model PAC135T (hand) or PAC135M (machine), RT80(hand) or RT80M (machine)

Part B:

Plasma Arc Cutter, Model 600 Volt Auto-Transformer, Part No. 129223 portable, cord connected; rated input 600V, 20A, 60Hz, 3ph, rated output 480V, 24A, 60Hz, 3ph. For use with Model POWERMAX 1100

Part C:

Certified to CLASS 5611 03 - WELDING MACHINES

Plasma arc cutting torches, Model RT80 (hand) and RT80M (mechanized) rated maximum output 80A, 320Vdc, 100% duty cycle. Tested to form a safe system with the following power source(s):

- Model Powermax1100 manufactured by Hypertherm Inc.

Note: Model RT80 (hand) and RT80M (mechanized) are not designed for use with arc striking or stabilizing voltages

CSA Standard C22.2 No. 60-M1990 - Arc Welding Equipment

UL551 - Transformer-Type Arc-Welding Equipment

CAN/CSA E60974-7-02 - Arc Welding Equipment - PART 7: TORCHES

**APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No. 60-M1990 - Arc Welding Equipment

UL551 - Transformer-Type Arc-Welding Equipment

CAN/CSA E60974-7-02 - Arc Welding Equipment - PART 7: TORCHES