



Certificate of Compliance

Certificate: 2424467 (LR 80636)

Master Contract: 154351

Project: 2618595

Date Issued: April 24, 2013

Issued to: Hypertherm, Incorporated

21 Great Hollow Rd
Hanover, NH 03755
USA

Attention: John Freudenberg

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Sam Zaffino

Issued by: Sam Zaffino

PRODUCTS

CLASS 5611 81 - WELDING MACHINES - Certified to US Standards

CLASS 5611 01 - WELDING MACHINES

PART A:

A1. POWER SOURCE

Plasma arc cutter power source, Model HT4400 (P/N 077033) Mechanized, hardwired; rated input 480Vac, 50/60Hz 107A three phase or (P/N 077038) rated input 600Vac, 50/60Hz, 86 A three phase. Rated output 400A, 80-200Vdc increasing to 344V dc at 0A, 100 percent duty cycle, OCV 361Vdc (max), 40oC max ambient. For use with :

- Machine torch, part number (128342, 128929, 128502, 15' or 128431, 128928, 128501 10' or 128430, 128927, 128500 6')

- Remote current control unit (073045). Controls the output current for the Model HT4400 power supply located in low voltage isolated secondary circuitry.

A2. IGNITION CONSOLE

High Frequency ignition Console, part number 078088, rated input 120 Vac, 50/60Hz, 0.54A; rated output 9,5 KV. 120V power is derived from power supply secondary circuitry. For use with high frequency starting torches

A3. GAS CONSOLE



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Plasma Arc Cutting Gas Console, PN 077032, rated input 120Vac, 50/60Hz, 0.45A For use with HT4400 and 400A quick disconnect mechanized torch PN 120651. Power is derived from a wiring harness to the TH4400.

A4. COOLING SYTEM

Cooling system, part number 077034, rated input 240Vac, 50/60Hz, For use with model HT4400.

PART B:

B1. Large plasma cutting system, model HT4001, Input rated: 200/220V, 3ph, 50-60Hz at 275/234A; 240/480V, 3ph, 60Hz at 214/107A; 575/600V, 3ph, 60Hz at 89/86A. Output voltage: 80-200Vdc; Max. Output current: 400A; Max. OCV:325Vdc; Duty cycle: 100%.

B2. Torches for use with HT4001 power unit Pac620 Machine Torch (bevel) P.N. 028741 or 128256 or 128257.

PART C:

C1. Plasma arc cutter, Model MAX 200, moveable, hard wired; rated input 3 phase, 60Hz, 240/480V at 90/45A and 600V at 36A; rated output 200A, 30kVA. 100 percent duty cycle, OCV 275V dc (max). .

C2. Torches for use with Max 200 power unit Pac 200T (cutting torch) P.N. 073189.

Pac 200E (gouging torch073111 (Machine Torch) P.N. 128380 or 128365 or HyPro2000 torch

C3. Optional components to MAX 200:

- I. Torch Height Control (THC).
- II. Remote Module.
 - Switch Remote (SR).
 - Digital Remote (DR).
 - Program Remote (PR).
- III. Initial Height Control (IHC).
- IV. Remote Start/Stop Switch.

PART D:

Large plasma cutting power sources, models HT2000 and HT2000LHF.



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The system is rated as follows:

Input 200V, 3~50/60Hz, 108A. Output 40A/150Vdc – 200A/150Vdc

Input 208V, 3~60Hz, 104A Output 40A/150Vdc – 200A/150Vdc

Input 240V, 3~60Hz, 90A Output 40A/150Vdc – 200A/150Vdc

Input 240V/480V, 3~60Hz, 90A/45A Output 40A/150Vdc – 200A/150Vdc

Input 400V, 3~50Hz, 56A Output 40A/150Vdc – 200A/150Vdc

Input 480V, 3~60Hz, 45A Output 40A/150Vdc – 200A/150Vdc

Input 440V/480V, 3~50/60Hz, 49A/45A Output 40A/150Vdc – 200A/150Vdc

Input 600V, 3~60Hz, 36A Output 40A/150Vdc – 200A/150Vdc

The power sources can be configured into the required system with the following Options:

- Remote High Frequency Console (P.N.073067)
- Gas Console (P.N. 073218)
- Motor Valve Console (P.N. 073219)
- Remote V/C-Digital Control Station (P.N. 073007)
- Remote V/C-Programmable (PR) Control Station (P.N. 055044)
- IHS Control (P.N. 053016)
- Argon-Hydrogen Manifold (P.N. 073109)
- Timer/Counter(P.N .073194)
- Machine Torch (P.N. 128141 or 128381 or 128367 or HyPro2000 torch(see attachments page 8)
- Machine Torch – used on LHF (P.N. 128255)

Notes:

Installation of the system is subject to the approval of the Local Inspection Authorities.

Part B only: The slave power supply is certified only when factory installed.

APPLICABLE REQUIREMENTS



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

UL Std No. 551 7th Ed - Transformer Type Arc Welding Machines