Certificate of Compliance

Certificate:	1843470	**Master Contract:**	154351
Project:	80284160	**Date Issued:**	2026-02-26
Issued to:	**Hypertherm, Incorporated** **21 Great Hollow Rd** **Hanover, New Hampshire** **03755** **United States** **Attention:** Patrick Salas	**Issued by:**	*Dimcho Genov* Dimcho Genov

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.

PRODUCTS

Class 5611 03 WELDING MACHINES - Welding Machines
Class 5611 83 WELDING MACHINES - Certified to US Standards

Part A: Manual plasma arc cutting and gouging system

Model 480V powermax125 (P/Ns 059488, 059489, 059606, 059669)

Rated input – 3 phase, 50/60 Hz, 480V/23A for cutting and 26A for gouging.

Output voltage 130Vdc for cutting and 150Vdc for gouging. Output current 30-125A.

Maximum OCV 320V

Model 600V powermax125 (P/Ns 059509, 059510, 059607)

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Rated input – 3 phase, 50/60 Hz, 600V/18A for cutting and 21A for gouging.

Output voltage 130Vdc for cutting and 150Vdc for gouging. Output current 30-125A.

Maximum OCV 320V

The 480V or 600V powermax125 is designed for use with plasma cutting trigger contact hand torch and plasma cutting machine torch models: Duramax Hyamp Hand, Duramax Hyamp Machine, Duramax Hyamp Mini Machine, Duramax Hyamp Robotic. Cartridge HRT (hand retrofit torch), Cartridge MRT (machine retrofit torch), and Cartridge RRT (robotic retrofit torch) torches provided with quick disconnection termination to power source. The Duramax Hyamp Hand and Cartridge HRT torch uses UL94 V0 rated material in the handle according to Hypertherm resin specification 048341.

See Part D for coupling devices.

Part B: Manual plasma arc cutting system, Model Powermax30 XP (part number 088074, 088077, 088078, 088230)

Rated input of 120V/28A/12.5A@20% duty cycle or 200-240V/22.4-18.8A/13.3 -11.1A @35% duty cycle, 50/60 Hz. Output voltage 92Vdc output current 15-30A.

For use with plasma cutting trigger contact hand torch model Duramax LT (part number 088067) or with plasma cutting mechanized torch model Duramax LT Machine (part number 088220). The Duramax LT Hand torch uses UL94 V0 rated material in the handle according to Hypertherm resin specification 048341.

Part C: Manual plasma arc cutting system, Model Powermax30 AIR (part number 088088, 088090, 088101)

Rated input of 120V/32A/14A@ 20% duty cycle or 200-240V/19-16A/11-9A@ 35% duty cycle, 50/60 Hz. Output voltage 92Vdc output current 15-30A.

For use with plasma cutting trigger contact hand torch model AIR T30 (part number 088091). The AIR T30 Hand torch uses UL94 V0 rated material in the handle according to Hypertherm resin specification 048341.

Part D: Coupling devices (socket/plug) for Powermax 65 SYNC /85 SYNC /45 SYNC (part number 228364 / part number 104452) and for Powermax 105 SYNC /125 (part number 228800 / part number 104633).

Part E: Light industrial plasma arc cutting and gouging system, model Powermax65 SYNC™ (P/Ns 083329, 083340, 083341, 083342).

Rated input – single phase, 50/60 Hz, 200-480V/41-17A for cutting and 200-480V/48-20A for gouging.

Rated input – 3 phase, 50/60 Hz, 200-480V/25-11A for cutting and 200-480V/29-12A for gouging.

Rated input – 3 phase, 50/60 Hz, 600V/11A for cutting and 600V/12A for gouging.

Output voltage 106Vdc for cutting and 126Vdc for gouging. Output current 20-65A.

For use with plasma cutting trigger contact hand torch and plasma cutting machine torch models: SmartSYNC™ branded machine torches, SmartSYNC™ branded hand torches, SmartSYNC™ branded mini-machine torches, SmartSYNC™ branded robotic torches, Cartridge branded hand torches, and Cartridge branded mechanized torches which are provided with quick disconnection termination to the power source. SmartSYNC™ and Cartridge branded hand torches use UL94 V0 rated material in the handle

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according to Hypertherm resin specification 048341.

See Part D for coupling devices.

Part F: Manual plasma arc cutting and gouging system, model Powermax85 SYNC™ (P/Ns 087169, 087180, 087181, 087182).
Rated input – single phase, 50/60 Hz, 200-480V/56-24A for cutting and 200-480V/66-28A for gouging.

Rated input – 3 phase, 50/60 Hz, 200-480V/34-15A for cutting and 200-480V/40-17A for gouging.

Rated input – 3 phase, 50/60 Hz, 600V/14A for cutting and 600V/16A for gouging

Output voltage 114Vdc for cutting and 134Vdc for gouging. Output current 25-85A.

For use with plasma cutting trigger contact hand torch and plasma cutting machine torch models: SmartSYNC™ branded machine torches, SmartSYNC™ branded hand torches, SmartSYNC™ branded mini-machine torches, SmartSYNC™ branded robotic torches, Cartridge branded hand torches, and Cartridge branded mechanized torches, which are provided with quick disconnection termination to the power source. SmartSYNC™ and Cartridge branded hand torches use UL94 V0 rated material in the handle according to Hypertherm resin specification 048341.

See Part D for coupling devices.

Part G: Manual plasma arc cutting and gouging system, model Powermax105 SYNC™ (P/Ns 059629, 059640, 059641, 059642).

Rated input – 3 phase, 50/60 Hz, 200-480V/47-19A for cutting and 200-480V/54-22A for gouging.

Rated input – 3 phase, 50/60 Hz, 600V/17A for cutting and 600V/20A for gouging

Output voltage 122Vdc for cutting and 142Vdc for gouging. Output current 30-105A.
For use with plasma cutting trigger contact hand torch and plasma cutting machine torch models: SmartSYNC™ branded machine torches, SmartSYNC™ branded hand torches, SmartSYNC™ branded mini-machine torches, SmartSYNC™ branded robotic torches, Cartridge branded hand torches, and Cartridge branded mechanized torches which are provided with quick disconnection termination to the power source. SmartSYNC™ and Cartridge branded hand torches use UL94 V0 rated material in the handle according to Hypertherm resin specification 048341.

See Part D for coupling devices.

Part H: Manual plasma arc cutting system, Model Powermax33 XP (part number 088196, 088198, or 088199)

Rated input - 1 phase, 50/60 Hz, 120V/26.9A @20% duty cycle, Output voltage 91Vdc output current 15-28A.

Rated input - 1 phase, 50/60 Hz, 200-240V/24.6-20.5A @35% duty cycle, Output voltage 93Vdc output current 15-33A.

For use with plasma cutting trigger contact hand torch model Duramax LT (part number 088067) or with plasma cutting mechanized torch model Duramax LT Machine (part number 088220). The Duramax LT Hand torch uses UL94 V0 rated material in the handle according to Hypertherm resin specification 048341.

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Notes applicable to Parts A, B, C, E, F & G:

- Where multiple part numbers exist for the same model torch, the torches are identical except for lead length
- Where the power cord plug is not supplied and the installation of this equipment is subject to approval of the Local Inspection Authorities.
- The Hypertherm torches are fitted with Hypertherm Consumables described in the instruction manuals

Note applicable to Parts A, E, F & G:

- Coupling devices are designed for cables used in Hypertherm plasma cutting systems for connection and disconnection of work leads without using tools.

APPLICABLE REQUIREMENTS

Standards Used	Description
CSA C22.2 No. 60974-7:22 (Second Edition)	Arc Welding Equipment Part 7: Torches
ANSI/NEMA/IEC 60974-7-2021	Arc Welding Equipment Part 7: Torches
ANSI/NEMA/IEC 60974-1-2019	Arc welding equipment — Part 1: Welding power sources
CSA C22.2 No. 60974-1:19 - First Edition	Arc welding equipment - Part 1: Welding power sources

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Certificate: 1843470 **Master Contract**: 154351

Project: 80284160 **Date Issued**: 2026-02-26

Notes:

Products certified under Class(es) C561103, C561183 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

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Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80284160	2026-02-26	Update report 1843470 to cover the following: 1) Add another power supply model, Powermax33 XP; 2) Add another torch model, 125A Cartridge Torch; 3) Update several critical components. Under the CPC program. FIR follow-up, update of Report 1843470 for non-conformance issues noted in (FC#256684) FIR dated December 2, 2025
80261460	2025-08-01	Update report 1843470 to cover the following: - Add a torch configurations with different length leads - Update several critical components Under the CPC program.
80235812	2025-01-23	Update report 1843470 to cover the following: - Revised description of torches to include flammability specification (V-0) of the handle material - Removed obsolete products - Updated critical components - Added mechanized torch to the Powermax30 XP section - Updated report to the latest standards ANSI/NEMA/IEC 60974-7-2021 and CSA C22.2 No. 60974-7:22 Under the CPC program.
80068490	2021-01-14	Update to 1843470 to cover alternate components
80027626	2019-12-16	Update to 1843470 to add similar models
70201723	2018-10-30	Update to 1843470 to cover alt const
70153507	2017-09-08	Update to report 1843470

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70093245	2016-08-12	Update to cover evaluation to CAN/CSAE60974-1-12 and CAN/CSAE60974-7-02(R2011) and additional evaluation/information in regards to Appendix F.
70090392	2016-07-25	Update to 1843470 to add similar model Powermax 45XP
70041686	2015-07-29	Update to cover alt const
70029846	2015-04-14	Upate to cover alt const to 1843470
70015836	2014-12-01	Update to cover addition of similar model
2718394	2014-04-17	Update to cover addition of alternate torch
2694735	2014-01-30	Update to cover alternate torch
2642326	2013-07-04	Update to cover addition of Powermax 125 Torch in part G of report
2622307	2013-05-10	Update 1843470 to cover addition of similar models
2605616	2013-03-07	Update to cover alternate construction
2518390	2012-04-26	Update report for description clarification.
2513726	2012-04-04	Update project for additional model Powermax 105 description update.
2452524	2011-09-22	Update report to cover description clarification, alternate components and accepted alternate torch Duramax Robotic
2320431	2010-07-08	Update report for report clarification and certification of PowerMax 65 and 85 based on CPC program
2212467	2009-09-24	Update to report 1843470 to cover alternate components and vendors.
2035494	2008-06-02	Covers alternate construction, alternate component and suppliers for model Powermax30 and addition of new model Powermax45(p/n 088013)-manual plasma arc cutting and gouging system described in part B. De-listed in class 5611-81.
1843470	2007-01-26	Plasma Cutter Model Power Max 30 (part number 088000)

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