



# Certificate of Compliance

**Certificate:** 1726647 **Master Contract:** 154351  
**Project:** 80149802 **Date Issued:** 12/22/2022  
**Issued to:** **Hypertherm, Incorporated**  
**21 Great Hollow Rd**  
**Hanover, New Hampshire 03755**  
**United States**  
**Attention:** Steve Nowlan

*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.*



**Issued by:** *Dimcho Genov*  
 Dimcho Genov

## PRODUCTS

C561103 WELDING MACHINES - Welding Machines  
 C561183 WELDING MACHINES - Certified to US Standards

### **PART A: Plasma Arc Cutter Power Sources: Mechanized, hard-wired**

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HPR130 or HPR130XD [078177, 078538, 078546]	200/208	50/60	62/58	3
HPR130 or HPR130XD [078539, 078547]	220	50/60	57	3
HPR130 or HPR130XD [078179, 078540, 078548]	240	60	52	3
HPR130 or HPR130XD [078182, 078543, 078551]	440	50/60	28	3
HPR130 or HPR130XD [078181, 078544, 078552]	480	60	26	3

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
--------	---------------------	----------------	-------------------	-------



**Certificate:** 1726647

**Master Contract:** 154351

**Project:** 80149802

**Date Issued:** 12/22/2022

HPR130 or HPR130XD [078183, 078545, 078553]	600	60	21	3
---	-----	----	----	---

Rated output 130Adc, 150Vdc, 100 percent duty cycle, max OCV 311V dc, at 40°C maximum ambient.

The suffix XD describes application of firmware for improved cutting performance that does not impact compliance with the CSA standards described in the applicable requirements shown in this report.

**PART B: Plasma Arc Cutter Power Sources: Mechanized, hard-wired**

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HPR260 or HPR260XD [078187]	200	50/60	149	3
HPR260 or HPR260XD [078554, 078562]	200/208	50/60	149/144	3
HPR260 or HPR260XD [078202, 078555, 078563]	220	50/60	136	3
HPR260 or HPR260XD [078188, 078556, 078564]	240	60	124	3
HPR260 or HPR260XD [078189, 078559, 078567]	440	50/60	68	3
HPR260 or HPR260XD [078190, 078560, 078568]	480	60	62	3

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HPR260 or HPR260XD [078191, 078561, 078569]	600	60	50	3

Rated output 260Adc, 175Vdc, 100 percent duty cycle, max OCV 311V dc, at 40°C maximum ambient.

The suffix XD describes application of firmware for improved cutting performance that does not impact compliance with the CSA standards described in the applicable requirements shown in this report.

**PART C: Plasma Arc Cutter Power Sources: Mechanized, hard-wired**

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HSD130 [078194, 078515]	200/208	50/60	62/60	3
HSD130 [078204, 078516]	220	50/60	56	3
HSD130 [078195, 078517]	240	60	52	3
HSD130 [078198, 078520]	440	50	28	3
HSD130 [078199, 078521]	480	60	26	3

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HSD130 [078200, 078522]	600	60	21	3

Rated output 130Adc, 150Vdc, 100 percent duty cycle, max OCV 311V dc, at 40°C maximum ambient



Certificate: 1726647

Master Contract: 154351

Project: 80149802

Date Issued: 12/22/2022

**PART D: Plasma Arc Cutter Power Sources: Mechanized, hard-wired**

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HPR400 or HPR400XD [078523, 078570, 078578, 078594, 078586]	200/208	50/60	262/252	3
HPR400 or HPR400XD [078524, 078571, 078579, 078595, 078587]	220	50/60	238	3
HPR400 or HPR400XD [078525, 078572, 078580, 078596, 078588]	240	60	219	3
HPR400 or HPR400XD [078528, 078575, 078583, 078599, 078591]	440	50	120	3
HPR400 or HPR400XD [078529, 078576, 078584, 078600, 078592]	480	60	110	3

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
HPR400 or HPR400XD [078530, 078577, 078585, 078601, 078593]	600	60	88	3

Rated output 400Adc, 200Vdc, 100 percent duty cycle, max OCV 360Vdc, at 40°C maximum ambient

The suffix XD describes application of firmware for improved cutting performance that does not impact compliance with the CSA standards described in the applicable requirements shown in this report.

HyPerformance HPR800XD system configuration consists of two model HPR400XD plasma cutting systems designated as primary and secondary. The input & output ratings of each HPR400XD remains unchanged. The HPR800XD software will utilize the primary HPR400XD up to 400 Amps to the ignition console and torch first and then the secondary HPR400XD provides up to 400 Amps more to the ignition console and torch for a total system configuration output of 800 Amps maximum.

Models covered in Parts A, B, C and D are for use with the following accessories (may be used with any HPR or HSD model unless otherwise described):

- Ignition Console [078172, 078536].
- Manual Gas Console [078170] or Manual Gas Console II [078532].
- Auto Gas Console – Selection Console [078184] or Auto Gas Console II [078533] and Metering Console [078185] or Metering Console II [078535].
- Off-valve assembly [129816].
- Torch [128818, 228633, 228634, 220706] – used on HPR130, HPR130XD and HPR260, HPR260XD.
- Torch [420214] and Junction Box [078619] – used on HPRXD
- Torch [228144] – used on HSD130.
- Torch [228354, 220706] – used on HPR400 and HPR400XD.
- Torch [420729] – used on all HPRXD models with consumables up to 260A, 100% duty cycle.
- Torch coolant [ 028872] – all models are liquid cooled with Hypertherm Torch Coolant



**Certificate:** 1726647

**Master Contract:** 154351

**Project:** 80149802

**Date Issued:** 12/22/2022

- Rotational Sleeve [220864] – used as an optional accessory with torch.
- Gas Console [078201].
- Cooling System [078531] – used on HPR400 and HPR400XD.
- Chiller Interface [078537] – used on HPR400 and HPR400XD.
- External interconnecting cable assemblies [123979, 123980, 123981] – used on HPR400 and HPR400XD connecting to the cooling System [078531].

**PART E: Plasma Arc Cutter Power Sources: Mechanized, hard-wired**

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
XPR300 [078620]	200	50-60	218	3
XPR300 [078621]	208	60	209	3
XPR300 [078622]	220	50-60	198	3
XPR300 [078623]	240	60	181	3
XPR300 [078627]	440	50-60	99	3
XPR300 [078628]	480	60	91	3

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
XPR300 [078629]	600	60	73	3

Rated output 300Adc, 222Vdc, 100 percent duty cycle, max OCV 360Vdc, at 40°C maximum ambient

For use with the following accessories:

- OptiMix Ignition/Gas Console [078633] or VWI Ignition/Gas Console [078632] or Core Ignition/Gas Console [078631].
- Torch Connect Console [078618]
- Torch [420221]
- Torch coolant [ 028872, 028873] – all models are liquid cooled with Hypertherm Torch Coolant
- Corrosion Inhibitor [128020]
- External interconnecting cable assemblies
- Torch Receptacle [420220]
- Torch Mounting Sleeve [420500, 420501, 420502]
- Robotic Bevel Leads [428825, 428826, 428827, 428828, 428829, 428830, 428831, 428832, 428833, 428834, 428835, 428836]
- Rotational Sleeve [420788, 420789, 420900]
- Short Torch with Lead [420750, 420809, 420810, 420811, 420812, 420814]

Note: Different part number represents different length

**PART F: Plasma Arc Cutter Power Sources: Mechanized, hard-wired**



**Certificate:** 1726647

**Master Contract:** 154351

**Project:** 80149802

**Date Issued:** 12/22/2022

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
XPR170 [078640]	200	50-60	117	3
XPR170 [078641]	208	60	112	3
XPR170 [078642]	220	50-60	106	3
XPR170 [078643]	240	60	97	3
XPR170 [078647]	440	50-60	53	3
XPR170 [078648]	480	60	49	3

Models	Input Voltage (VAC)	Frequency (Hz)	Input Current (A)	Phase
XPR170 [078649]	600	60	39	3

Rated output 170Adc, 210Vdc, 100 percent duty cycle, max OCV 360Vdc, at 40°C maximum ambient

For use with the following accessories:

- OptiMix Ignition/Gas Console [078633] or VWI Ignition/Gas Console [078632] or Core Ignition/Gas Console [078631].
- Torch Connect Console [078618]
- Torch [420221]
- Torch coolant [ 028872, 028873] – all models are liquid cooled with Hypertherm Torch Coolant
- Corrosion Inhibitor [128020]
- External interconnecting cable assemblies
- Torch Receptacle [420220]
- Torch Mounting Sleeve [420500, 420501, 420502]
- Robotic Bevel Leads [428825, 428826, 428827, 428828, 428829, 428830, 428831, 428832, 428833, 428834, 428835, 428836]
- Rotational Sleeve [420788, 420789, 420900]
- Short Torch with Lead [420750, 420809, 420810, 420811, 420812, 420814]

Note: Different part number represents different length



**Certificate:** 1726647

**Project:** 80149802

**Master Contract:** 154351

**Date Issued:** 12/22/2022

---

**APPLICABLE REQUIREMENTS**

CSA C22.2 NO. 60974-1:19 - Arc welding equipment - Part 1: Welding power sources

ANSI/IEC 60974-1-2019 - Arc welding equipment — Part 1: Welding power sources



**Certificate:** 1726647

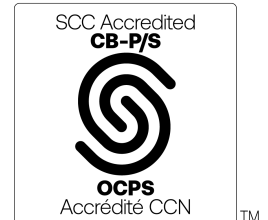
**Project:** 80149802

**Master Contract:** 154351

**Date Issued:** 12/22/2022

**Notes:**

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





## *Supplement to Certificate of Compliance*

**Certificate:** 1726647

**Master Contract:** 154351

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

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
80149802	December 22, 2022	Update report 1726647 to cover the addition of alternate components ; under the CPC program
80122031	April 18, 2022	Plug and plug upgrade torch Head/cartridge for existing HPR XD systems
80080808	May 06, 2021	Update 1726647 to cover alt const and update standard editions
80056164	September 29, 2020	Update to 1726647 to cover alt components
80034191	March 04, 2020	Update to 1726647 to cover alternate construction
70212911	February 12, 2019	Update to 1726647 to cover alt const
70183388	May 08, 2018	Update to 1726647 to add similar model under CPC program
70164538	December 11, 2017	Update to 1726647 to cover alt const
70102894	October 17, 2016	Update to 1726647 to cover addition of similar model XPR300
70065040	February 23, 2016	Update to report 1726647 to cover alternate construction
70052258	November 04, 2015	Update to 1726647 to cover alt const and report add component info
70015838	November 24, 2014	Update to cover addition of similar model
2727896	May 23, 2014	Update to cover alternate construction
2629478	May 30, 2013	Update to report 1726647 to cover alternate construction and report clarification





**Certificate:** 1726647

**Master Contract:** 154351

**Project:** 80149802

**Date Issued:** 12/22/2022

---

2526572	May 16, 2012	Update report to add alternate contactor and torch conductor length description.
2418204	May 17, 2011	Adding alternate manufacturers and part numbers for existing certified models and components.
2277207	March 02, 2010	Addition of XD suffix, HPR800 system and alternate components to report
2100777	November 05, 2008	Update to report 1726647 to add Model HPR400 plasma cutting system and new accessories. Also covers addition of alternate suppliers and part designations. Equipment Class 5611-03, CSA Std.60974-1; Class 5611-83, UL 60974-1.
1843485	March 07, 2007	Addition of Plasma cutter power source, HSD130 and addition of alternate suppliers and part designations
1726647	October 31, 2005	Original certification