



Certificate of Compliance

Certificate: 1726647

Master Contract: 154351

Project: 80034191

Date Issued: 2020-03-04

Issued To: Hypertherm, Incorporated
21 Great Hollow Rd
Hanover, New Hampshire, 03755
United States

Attention: Bobbie-Jeanne Wheeler

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: Sam Zaffino
Sam Zaffino



PRODUCTS

CLASS - C561103 - WELDING MACHINES

CLASS - C561183 - WELDING MACHINES Certified to US Standards

Plasma Arc Cutter Power Sources:

PART A:

1. Model HPR130 or HPR130XD [078177, 078538, 078546], Mechanized, hard-wired; rated input 200/208V ac, 50/60Hz, 62/58A three phase.
2. Model HPR130 or HPR130D [078539, 078547], Mechanized, hard-wired; rated 220V ac, 50/60Hz, 57A three phase.
3. Model HPR130 or HPR130XD [078179, 078540, 078548], Mechanized, hard-wired; rated input 240V ac, 60Hz, 52A three phase.



Certificate: 1726647
Project: 80034191

Master Contract: 154351
Date Issued: 2020-03-04

4. Model HPR130 or HPR130XD [078182, 078543, 078551], Mechanized, hard-wired; rated input 440V ac, 50/60Hz, 28A three phase.
 5. Model HPR130 or HPR130XD [078181, 078544, 078552], Mechanized, hard-wired; rated input 480V ac, 60Hz, 26A three phase.
 6. Model HPR130 or HPR130XD [078183, 078545, 078553], Mechanized, hard-wired; rated input 600V ac, 60Hz, 21A three phase.
- 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:

1. Model HPR260 or HPR260XD [078187], Mechanized, hard-wired; rated input 200V ac, 50/60Hz, 149A three phase.
 2. Model HPR260 or HPR260XD [078554, 078562], Mechanized, hard-wired; rated input 200/208V ac, 50/60Hz, 149/144A three phase
 3. Model HPR260 or HPR260XD [078202, 078555, 078563], Mechanized, hard-wired; rated input 220V ac, 50/60Hz, 136A three phase.
 4. Model HPR260 or HPR260XD [078188, 078556, 078564], Mechanized, hard-wired; rated input 240V ac, 60Hz, 124A three phase.
 5. Model HPR260 or HPR260XD [078189, 078559, 078567], Mechanized, hard-wired; rated input 440V ac, 50/60Hz, 68A three phase.
 6. Model HPR260 or HPR260XD [078190, 078560, 078568], Mechanized, hard-wired; rated input 480V ac, 60Hz, 62A three phase.
 7. Model HPR260 or HPR260XD [078191, 078561, 078569], Mechanized, hard-wired; rated input 600V ac, 60Hz, 50A three phase.
- 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:

1. Model HSD130 [078194, 078515], Mechanized, hard-wired; rated input 200/208V ac, 50/60Hz, 62/60A three phase.
 2. Model HSD130 [078204, 078516], Mechanized, hard-wired; rated input 220V ac, 50/60Hz, 56A three phase
 3. Model HSD130 [078195, 078517], Mechanized, hard-wired; rated input 240V ac, 60Hz, 52A three phase.
 4. Model HSD130 [078198, 078520], Mechanized, hard-wired; rated input 440V ac, 50Hz, 28A three phase.
 5. Model HSD130 [078199, 078521], Mechanized, hard-wired; rated input 480V ac, 60Hz, 26A three phase.
 6. Model HSD130 [078200, 078522], Mechanized, hard-wired; rated input 600V ac, 60Hz, 21A three phase.
- Rated output 130Adc, 150Vdc, 100 percent duty cycle, max OCV 311V dc, at 40°C maximum ambient

PART D:

1. Model HPR400 or HPR400XD [078523, 078570, 078578, 078594, 078586], Mechanized, hard-wired; rated input 200/208V ac, 50/60Hz, 262/252A three phase.



Certificate: 1726647
Project: 80034191

Master Contract: 154351
Date Issued: 2020-03-04

2. Model HPR400 or HPR400XD [078524, 078571, 078579, 078595, 078587], Mechanized, hard-wired; rated input 220V ac, 50/60Hz, 238A three phase
3. Model HPR400 or HPR400XD [078525, 078572, 078580, 078596, 078588], Mechanized, hard-wired; rated input 240V ac, 60Hz, 219A three phase.
4. Model HPR400 or HPR400XD [078528, 078575, 078583, 078599, 078591], Mechanized, hard-wired; rated input 440V ac, 50Hz, 120A three phase.
5. Model HPR400 or HPR400XD [078529, 078576, 078584, 078600, 078592], Mechanized, hard-wired; rated input 480V ac, 60Hz, 110A three phase.
6. Model HPR400 or HPR400XD [078530, 078577, 078585, 078601, 078593], Mechanized, hard-wired; rated input 600V ac, 60Hz, 88A three phase.

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.

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] Junction Box [078619] – used on HPRXD
- Torch [228144] – used on HSD130.
- Torch [228354, 220706] – used on HPR400, HPR400XD.
- Torch coolant [028872] – all models are liquid cooled with Hypertherm Torch Coolant
- Rotational Sleeve [220864] – used as an optional accessory with torch.
- Gas Console [078201].
- Cooling System [078531] – used on HPR400, HPR400XD.
- Chiller Interface [078537] – used on HPR400, HPR400XD.
- External interconnecting cable assemblies [123979, 123980, 123981] – used on HPR400 and HPR400XD to connect the cooling System [078531].

PART E:

1. Model XPR300 [078620], Mechanized, hard-wired; rated input 200V ac, 50-60Hz, 218A three phase.
2. Model XPR300 [078621], Mechanized, hard-wired; rated input 208V ac, 60Hz, 209A three phase
3. Model XPR300 [078622], Mechanized, hard-wired; rated input 220V ac, 50-60Hz, 198A three phase
4. Model XPR300 [078623], Mechanized, hard-wired; rated input 240V ac, 60Hz, 181A three phase
5. Model XPR300 [078627], Mechanized, hard-wired; rated input 440V ac, 50-60Hz, 99A three phase



Certificate: 1726647
Project: 80034191

Master Contract: 154351
Date Issued: 2020-03-04

6. Model XPR300 [078628], Mechanized, hard-wired; rated input 480V ac, 60Hz, 91A three phase
 7. Model XPR300 [078629], Mechanized, hard-wired; rated input 600V ac, 60Hz, 73A three phase
- 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]

Note: Different part number represents different length

PART F:

1. Model XPR170 [078640], Mechanized, hard-wired; rated input 200V ac, 50-60Hz, 117A three phase.
 2. Model XPR170 [078641], Mechanized, hard-wired; rated input 208V ac, 60Hz, 112A three phase
 3. Model XPR170 [078642], Mechanized, hard-wired; rated input 220V ac, 50-60Hz, 106A three phase
 4. Model XPR170 [078643], Mechanized, hard-wired; rated input 240V ac, 60Hz, 97A three phase
 5. Model XPR170 [078647], Mechanized, hard-wired; rated input 440V ac, 50-60Hz, 53 three phase
 6. Model XPR170 [078648], Mechanized, hard-wired; rated input 480V ac, 60Hz, 49A three phase
 7. Model XPR170 [078649], Mechanized, hard-wired; rated input 600V ac, 60Hz, 39A three phase
- 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]



Certificate: 1726647
Project: 80034191

Master Contract: 154351
Date Issued: 2020-03-04

Note: Different part number represents different length

APPLICABLE REQUIREMENTS

- CAN/CSA-E60974-1 - Arc Welding Equipment Part 1 Welding Power Sources
- ANSI/IEC 60974-1 - Arc-Welding Equipment - Part 1: Welding Power Sources
- CAN/CSA-E60974-7 - Arc Welding Equipment - Part 7: Torches
- ANSI/IEC 60974-7 - Arc Welding Equipment Part 7: Torches



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

Project	Date	Description
80034191	2020-03-04	Update to 1726647 to cover alternate construction
000070212911	2019-02-12	Update to 1726647 to cover alt const
000070183388	2018-05-08	Update to 1726647 to add similar model under CPC program
000070164538	2017-12-11	Update to 1726647 to cover alt const
000070102894	2016-10-17	Update to 1726647 to cover addition of similar model XPR300
000070065040	2016-02-23	Update to report 1726647 to cover alternate construction
000070052258	2015-11-04	Update to 1726647 to cover alt const and report add component info
000070015838	2014-11-25	Update to cover addition of similar model
0002727896	2014-05-23	Update to cover alternate construction
0002629478	2013-05-30	Update to report 1726647 to cover alternate construction and report clarification
0002526572	2012-05-16	Update report to add alternate contactor and torch conductor length description.
0002418204	2011-05-17	Adding alternate manufacturers and part numbers for existing certified models and components.
0002277207	2010-03-02	Addition of XD suffix, HPR800 system and alternate components to report 1726647 project 2100777
0002100777	2008-11-05	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.



0001843485	2007-03-07	Addition of Plasma cutter power source, HSD130 and addition of alternate suppliers and part designations
0001726647	2005-10-31	Original certification