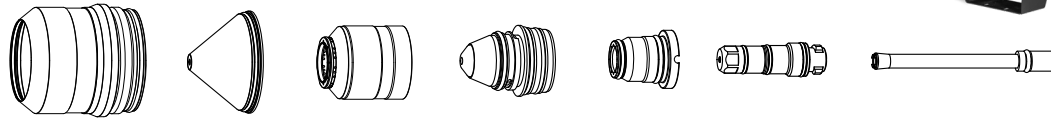


# Hypertherm®

## XPR170™

### Consumables



#### Mild steel

Amperage	Process	Shield cap	Shield	Nozzle retaining cap	Nozzle	Swirl ring	Electrode	Water tube
30 A	O <sub>2</sub> /O <sub>2</sub>	420200	420228	420365	420225	420407	420222	420368
50 A	O <sub>2</sub> /Air	420200	420237	420365	420234	420233	420231	420368
80 A	O <sub>2</sub> /Air	420200	420246	420365	420243	420242	420240	420368
130 A	O <sub>2</sub> /Air	420200	420255	420365	420252	420242	420249	420368
170 A	O <sub>2</sub> /Air	420200	420513	420365	420261	420260	420258	420368

#### Non-ferrous by amp

40 A	N <sub>2</sub> /N <sub>2</sub>	420200	420291	420365	420288	420314	420303	420368
	Air/Air	420200	420291	420365	420288	420314	420294	420368
60 A	N <sub>2</sub> /N <sub>2</sub>	420200	420309	420365	420297	420323	420303	420368
	F5/N <sub>2</sub>	420200	420309	420365	420297	420323	420303	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420300	420365	420296	420323	420303	420368
	Air/Air	420200	420309	420365	420297	420323	420294	420368
80 A	N <sub>2</sub> /N <sub>2</sub>	420200	420309	420365	420306	420323	420303	420368
	F5/N <sub>2</sub>	420200	420309	420365	420306	420323	420303	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420300	420365	420290	420323	420303	420368
	Air/Air	420200	420309	420365	420306	420323	420294	420368
130 A	N <sub>2</sub> /N <sub>2</sub>	420200	420318	420365	420315	420314	420356	420368
	H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	420200	420318	420365	420315	420323	420356	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420469	420365	420315	420314	420356	420368
170 A	N <sub>2</sub> /N <sub>2</sub>	420200	420327	420365	420324	420314	420356	420368
	H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	420200	420327	420365	420324	420323	420356	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420472	420365	420324	420314	420356	420368
	Air/Air	420200	420513	420365	420524	420260	420258	420368

#### Non-ferrous by process

N <sub>2</sub> /N <sub>2</sub>	40 A	420200	420291	420365	420288	420314	420303	420368
	60 A	420200	420309	420365	420297	420323	420303	420368
	80 A	420200	420309	420365	420306	420323	420303	420368
	130 A	420200	420318	420365	420315	420314	420356	420368
	170 A	420200	420327	420365	420324	420314	420356	420368
F5/N <sub>2</sub>	60 A	420200	420309	420365	420297	420323	420303	420368
	80 A	420200	420309	420365	420306	420323	420303	420368
Air/Air	40 A	420200	420291	420365	420288	420314	420294	420368
	60 A	420200	420309	420365	420297	420323	420294	420368
	80 A	420200	420309	420365	420306	420323	420294	420368
	170 A	420200	420513	420365	420524	420260	420258	420368
N <sub>2</sub> /H <sub>2</sub> O	60 A	420200	420300	420365	420296	420323	420303	420368
	80 A	420200	420300	420365	420290	420323	420303	420368
	130 A	420200	420469	420365	420315	420314	420356	420368
	170 A	420200	420472	420365	420324	420314	420356	420368
H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	130 A	420200	420318	420365	420315	420323	420356	420368
	170 A	420200	420327	420365	420324	420323	420356	420368

#### TECHNOLOGIES

Chambered swirl ring

Conical Flow™

CoolFlow™

HyDefinition®

LongLife®

PowerPierce®

Plasma dampening

QuickLock™ electrode

TrueFlow™

Vented shield

Vent-to-shield

VWI™

# XPR170™

## Torch assembly options

Standard leads	
2 m (6.6')	428383
2.5 m (8.2')	428384
3 m (9.8')	428385
3.5 m (11.5')	428386
4.5 m (14.8')	428387

Mounting sleeves	
Standard	420500
Short	420501
Extended	420502

Torch options	
Quick-disconnect receptacle	420220
XPR torch	420221
Torch kit (includes torch receptacle and quick-disconnect torch with 170 A consumables)	428846

Additional parts available (not shown)	Starter kit	Preventive maintenance kit	
Mild steel consumables (torch included)	●		428842
Non-ferrous consumables (torch included)	●		428841
Mild steel consumables	●		428840
Non-ferrous consumables	●		428843
Torch rebuild and filter without coolant		●	428639
Torch rebuild and filter with coolant		●	428640
Electronics preventive maintenance kit (200-240 V)		●	428878
Electronics preventive maintenance kit (380-600 V)		●	428879
Consumables removal tool			104119
Silicon lubricant for o-rings			027055



Environmental stewardship is one of Hypertherm's core values, and it is critical to our success and our customers' success. We are striving to reduce the environmental impact of everything we do. For more information: [www.hypertherm.com/environment](http://www.hypertherm.com/environment).



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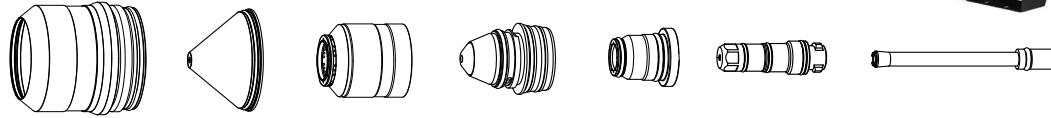
**Hypertherm**<sup>®</sup>  
SHAPING POSSIBILITY<sup>®</sup>



# Hypertherm®

## XPR300™

### Consumables



#### Mild steel

Amperage	Process	Shield cap	Shield	Nozzle retaining cap	Nozzle	Swirl ring	Electrode	Water tube
30 A	O <sub>2</sub> /O <sub>2</sub>	420200	420228	420365	420225	420407	420222	420368
50 A	O <sub>2</sub> /Air	420200	420237	420365	420234	420233	420231	420368
80 A	O <sub>2</sub> /Air	420200	420246	420365	420243	420242	420240	420368
130 A	O <sub>2</sub> /Air	420200	420255	420365	420252	420242	420249	420368
170 A	O <sub>2</sub> /Air	420200	420513	420365	420261	420260	420258	420368
220 A	O <sub>2</sub> /Air	420200	420273	420365	420270	420406	420276	420368
300 A	O <sub>2</sub> /Air	420200	420491	420365	420279	420406	420276	420368

#### Non-ferrous by amp

40 A	N <sub>2</sub> /N <sub>2</sub>	420200	420291	420365	420288	420314	420303	420368
	Air/Air	420200	420291	420365	420288	420314	420294	420368
60 A	N <sub>2</sub> /N <sub>2</sub>	420200	420309	420365	420297	420323	420303	420368
	F5/N <sub>2</sub>	420200	420309	420365	420297	420323	420303	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420300	420365	420296	420323	420303	420368
	Air/Air	420200	420309	420365	420297	420323	420294	420368
80 A	N <sub>2</sub> /N <sub>2</sub>	420200	420309	420365	420306	420323	420303	420368
	F5/N <sub>2</sub>	420200	420309	420365	420306	420323	420303	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420300	420365	420290	420323	420303	420368
	Air/Air	420200	420309	420365	420306	420323	420294	420368
130 A	N <sub>2</sub> /N <sub>2</sub>	420200	420318	420365	420315	420314	420356	420368
	H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	420200	420318	420365	420315	420323	420356	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420469	420365	420315	420314	420356	420368
170 A	N <sub>2</sub> /N <sub>2</sub>	420200	420327	420365	420324	420314	420356	420368
	H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	420200	420327	420365	420324	420323	420356	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420472	420365	420324	420314	420356	420368
	Air/Air	420200	420513	420365	420524	420260	420258	420368
300 A	N <sub>2</sub> /N <sub>2</sub>	420200	420362	420365	420359	420323	420356	420368
	H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	420200	420362	420365	420359	420358	420356	420368
	N <sub>2</sub> /H <sub>2</sub> O	420200	420475	420365	420359	420323	420356	420368

#### Non-ferrous by process

N <sub>2</sub> /N <sub>2</sub>	40 A	420200	420291	420365	420288	420314	420303	420368
	60 A	420200	420309	420365	420297	420323	420303	420368
	80 A	420200	420309	420365	420306	420323	420303	420368
	130 A	420200	420318	420365	420315	420314	420356	420368
	170 A	420200	420327	420365	420324	420314	420356	420368
	300 A	420200	420362	420365	420359	420323	420356	420368
F5/N <sub>2</sub>	60 A	420200	420309	420365	420297	420323	420303	420368
	80 A	420200	420309	420365	420306	420323	420303	420368
Air/Air	40 A	420200	420291	420365	420288	420314	420294	420368
	60 A	420200	420309	420365	420297	420323	420294	420368
	80 A	420200	420309	420365	420306	420323	420294	420368
	170 A	420200	420513	420365	420524	420260	420258	420368
N <sub>2</sub> /H <sub>2</sub> O	60 A	420200	420300	420365	420296	420323	420303	420368
	80 A	420200	420300	420365	420290	420323	420303	420368
	130 A	420200	420469	420365	420315	420314	420356	420368
	170 A	420200	420472	420365	420324	420314	420356	420368
	300 A	420200	420475	420365	420359	420323	420356	420368
H <sub>2</sub> -Ar-N <sub>2</sub> /N <sub>2</sub>	130 A	420200	420318	420365	420315	420323	420356	420368
	170 A	420200	420327	420365	420324	420323	420356	420368
	300 A	420200	420362	420365	420359	420358	420356	420368

#### TECHNOLOGIES

Chambered swirl ring

Conical Flow™

CoolFlow™

Cool nozzle

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Vented shield

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## Torch assembly options

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3 m (9.8')	428385
3.5 m (11.5')	428386
4.5 m (14.8')	428387

Mounting sleeves	
Standard	420500
Short	420501
Extended	420502

Torch options	
Quick-disconnect receptacle	420220
XPR torch	420221
Torch kit (includes torch receptacle and quick-disconnect torch with 300 A consumables)	428488

Additional parts available (not shown)	Starter kit	Preventive maintenance kit	
Mild steel consumables (torch included)	●		428618
Non-ferrous consumables (torch included)	●		428619
Mild steel consumables	●		428616
Non-ferrous consumables	●		428617
Torch rebuild and filter without coolant		●	428639
Torch rebuild and filter with coolant		●	428640
Electronics preventive maintenance kit (208-240 V)		●	428641
Electronics preventive maintenance kit (380-600 V)		●	428642
Consumables removal tool			104119
Silicon lubricant for o-rings			027055

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**Hypertherm**<sup>®</sup>  
SHAPING POSSIBILITY<sup>®</sup>



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