



# THERMAL DYNAMICS CUTMASTER 60i

## THE NEW FRONTIER IN PLASMA

### INCLUDED ACCESSORIES



SL60QD 1Torch with lead



Spare parts kit



The Cutmaster® 60i with SL60QD™ 1Torch® is the perfect combination of end-user insight, advanced technology, and intelligent design. Packed with power and offering the highest power-to-weight ratio in its class, the Cutmaster 60i with SL60QD 1Torch also has best in class cutting arc length and the most empowering and engaging user experience no matter the application.

- 7.6 kW rated output, 50% Duty Cycle at 60A with automatic multi-voltage detection from 208-480V; built for portability and durability with the integral multi-handle design
- SL60QD 1 Torch quick disconnect with ATC® (Advanced Torch Connector) allowing selective replacement of either the torch handle assembly or the torch leads, using the patented SureLok® technology also available as an RPT Torch
- 5/8 in. (16 mm) recommended cut capacity with greater than 1-1/2 in. (38 mm) maximum sever and 5/8 in. (16 mm) pierce
- High-visibility, oversized display with gas optimizer technology and consumables end-of-life indicator

## INDUSTRY LEADING 4-YEAR WARRANTY ON POWER SUPPLY AND 1-YEAR WARRANTY ON TORCH

PART #: THD 1-5630-1 CUTMASTER 60I SINGLE PHASE UNIT  
THD 1-5630-2 CUTMASTER 60I THREE PHASE UNIT

**IWDC MEMBER PRICE: \$1,535<sup>00</sup>**

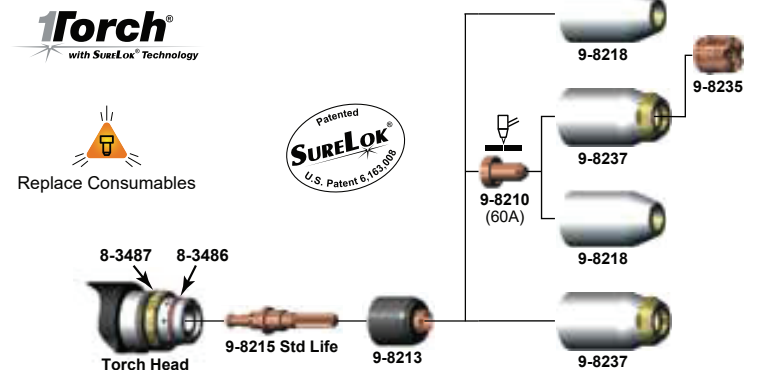
# CUTMASTER 60i SPECIFICATIONS

Amperage Output	10-60 A, continuously adjustable
Rated Output Power	7.6 kW
Open-Circuit Voltage (OCV)	300 V
Input Voltage	208-480 VAC ± 10%
Number of Phases	1 ph or 3 ph
Supply Frequency	50/60 Hz
Rated Duty Cycle	50% @ 60 A 60% @ 50 A 100% @ 40 A
Amperage Draw	43 A @ 208 V 1 ph / 26 A @ 208 V 3 ph 39 A @ 230 V 1 ph / 23 A @ 230 V 3 ph 19 A @ 408 V 1 ph / 11 A @ 480 V 3 ph
Enclosure Rating	IP23S
Input Power Cable and Plug	9 ft. (2.7 m) 1 ph 8 AWG 3/C with NEMA 6-50P plug 9 ft. (2.7 m) 3 ph 12 AWG 4/C cable without plug
Work Lead with Ground Clamp	20 ft. (6 m) #8 work cable with 50 mm connection
Gas Requirements	Compressed Air
Operating Temperature Range	32°F-122°F (0°C-50°C)
Input Pressure	90-125 psi max (8.6 bar)
Air Flow Requirements (cutting and gouging)	300-500 scfh / 5-8.3 cfm (142-235 l/m)
Power Supply Gas Filtering Ability	Particulates to 5 microns
Recommended Cut	5/8 in. (16 mm)
Maximum Sever	1 1/2 in. (38 mm)
Pierce Rating	5/8 in. (16 mm)
Torch Duty Cycle	100% at 60 A @ 400 scfh air flow
Torch Air Pressure	75 psi (5.2 bar)
Torch Air Consumption	6.7 cfm (190 l/m)

## THERMAL DYNAMICS 1TORCH CONSUMABLES NOW IN THE IWDC WAREHOUSE

PART NO.	DESCRIPTION	COST
THD 9-8208	40 AMP TIP	\$4.49
THD 9-8209	50-55 AMP TIP	\$4.49
THD 9-8210	60 AMP TIP	\$4.49
THD 9-8211	80 AMP TIP	\$4.49
THD 9-8212	90-100 AMP TIP	\$4.49
THD 9-8213	START CARTRIDGE	\$24.60
THD 9-8215	ELECTRODE	\$6.49
THD 9-8218	ONE PIECE SHIELD CUP	\$20.40
THD 9-8237	TWO PIECE MAX LIFE SHIELD CUP	\$32.44
THD 9-8235	50-60 AMP SHIELD CAP	\$14.38
THD 9-8236	70-100 AMP SHIELD CAP	\$14.38

### SL60 CONUMABLES



If you have any questions, contact IWDC Customer Service for more information.  
[customerservice@iwdc.coop](mailto:customerservice@iwdc.coop)