

Accessories

Single Stage Air Filter Kit

Catalog No.	7-7507
Filter Body	9-7740
Hose	9-7742
Filter Element	9-7741

Two Stage Air Filter Kit

Catalog No.	9-9387
1st Stage Replacement Cartridge	9-1021
2nd Stage Replacement Cartridge	9-1022

Standoff Cutting Guides

SL40	9-0090
SL60®/SL100 (w/ 40A Tip)	9-8251
SL60/SL100 (w/ 60A-100A Tip)	9-8281

Cutting Guide Bushing

Designed to fit the SL40 torch specific to the Cutmaster 42 system Catalog No. 7-2915

Welding Gloves

Catalog No. 9-1250

Multi-Purpose Cart

Cart has 8" (203 mm) wheels with 3" (76 mm) front casters Catalog No. 7-8888

Trigger Guard Guides

1Torch (SL60 & SL100) Short Trigger Guard 9-8420

Leather Lead Covers

15 ft (4.6 m)	9-1258
20 ft (6.1 m)	9-1260
25 ft (7.6 m)	9-1270
50 ft (15.2 m)	9-1280

Plasma Cutting Techniques DVD

9-1253

ATC® Lead Extensions

For any system using hand or mechanized 1Torch with ATC Quick Disconnect	
15 ft (4.6 m)	7-7544
25 ft (7.6 m)	7-7545
50 ft (15.2 m)	7-7552

Hand Torches w/ATC - 75°

SL40 - (Torch/Leads)	7-0040
15 ft (4.6 mm)	
SL60 - (Torch/Leads)	
20 ft (6.1 m)	7-5204
50 ft (15.2 m)	7-5205

SL100 - (Torch/Leads)

20 ft (6.1 m)	7-5206
50 ft (15.2 m)	7-5208

1Torch Mechanized Torch Packages

SL100 180 (Torch/Leads)	
5 ft (1.5 m)	7-5213
10 ft (3.0 m)	7-5214
25 ft (7.6 m)	7-5215
50 ft (15.2 m)	7-5216

Remote Pendant Control

20 ft (6.1 m) 7-3460

Hand Pendant Extension

25 ft (7.6 m) 7-7744

Pinion Assembly

1 3/8" (35 mm) Dia. 7-2827

Automation Interface Kit

For Cutmaster TRUE™ Series (52, 82, 102, & 152) adds a divided low volt output for height controls that can use 50:1 arc voltage 9-8311

CNC Harness Cable

9-9385

CNC Cables

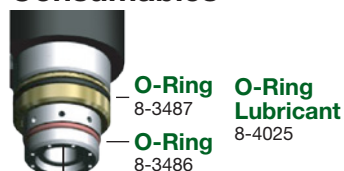
25 ft (7.6 m)	9-1008
35 ft (10.6 m)	9-1010
50 ft (15.2 m)	9-1011

These versatile **straight** and **circle cutting** guides are easy to use & fit most Victor Thermal Dynamics torches.

Cutting Guides / Kits	Capacity	Part No.	Options
Straight Line Cutting Guide	4 ft Rail	7-8911	4 ft Extension #9-7971
Radius / Roller Cutting Guide	3" - 28 3/4" (76 mm - 730 mm)	7-7501	Cutting Bushing (SL40) #7-2915
Circle Cutting Guide	2 1/8" - 27 3/4" (54 mm - 705 mm)	7-3291	Pivot #7-3148
Deluxe Cutting Guide	2 1/8" - 41 1/2" (54 mm - 1054 mm)	7-8910	Includes: #7-7501, #7-3291, magnetic and suction pivots.

For additional information visit us at VictorThermalDynamics.com

SL60/SL100 Consumables



O-Ring 8-3487
O-Ring Lubricant 8-4025
O-Ring 8-3486

Electrode 9-8215

Start Cartridge 9-8213
 9-8277* (Heavy Duty)

Tips

DRAG TIP 9-8205 (20A) 9-8206 (30A) 9-8207 (40A) 9-8252 (60A)
GOUGE TIP 9-8225 (Tip A) 9-8226 (Tip B) 9-8227 (Tip C) 9-8228 (Tip D) 9-8254 (Tip E)



MaximumLife Shield Cup 9-8237

Shield Cup 9-8218

Deflector Shield Cap 9-8243

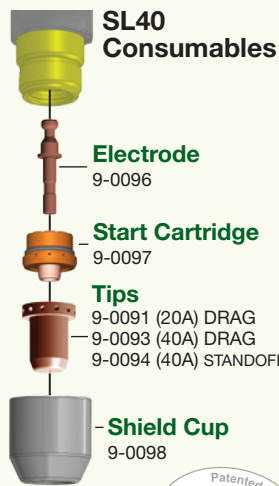
Drag Shield Cap 9-8244 (40A) 9-8235 (50-60A) 9-8236 (70-100A) 9-8258 (120A)

Gouging Shield Cap 9-8241

Mechanized Shield Cap 9-8245 (40A) 9-8238 (50-60A) 9-8239 (70-100A) 9-8256 (120A)

* Not to be used with HF Systems.

SL40 Consumables



Electrode 9-0096

Start Cartridge 9-0097

Tips 9-0091 (20A) DRAG 9-0093 (40A) DRAG 9-0094 (40A) STANDOFF

Shield Cup 9-0098



Ohmic Clip 9-8259

Ohmic Clip (Mechanized & Automated torch only) 9-8224

THERMAL DYNAMICS
 AN ESAB BRAND

MANUAL PLASMA CUTTING SYSTEMS

CUTMASTER TRUE™ SERIES



Always delivering more punch when you need it, with the introduction of the Cutmaster® TRUE™ Series, a one-half inch recommended capacity machine will cut one-half inch material ALL DAY, EVERY DAY. NO EXCEPTIONS.



VictorThermalDynamics.com

Cutmaster® TRUE™ Series has been designed with the idea that recommended cut capacity should also be the TRUE cut capacity. The TRUE Cut Series eliminates the concept of having to “buy up”, purchasing a machine larger than you actually need. With the introduction of the Cutmaster TRUE Series, a one-half inch recommended capacity machine will cut one-half inch material ALL DAY, EVERY DAY. NO EXCEPTIONS.



Truth #1 True Confidence - The Cutmaster TRUE Series micro-processor controlled front panel LED's assure extreme operator confidence and error free use from setup to clean up.

Truth #2 True Strength - The Cutmaster TRUE Series allows you to work all day at our recommended cut capacity. But when you need that extra punch, you can be confident that it's there.

Truth #3 True Protection - As if a 4 year unlimited power supply warranty wasn't enough, the Cutmaster TRUE Series is the only line of plasma cutting machines that features TRUE GUARD™ – a rugged roll bar for added durability on our larger plasma systems.*

Truth #4 True Tip™ - The Thermal Dynamics Cutmaster TRUE Series plasma system offers the only 60 Amp drag cutting tip on the market today.*

Truth #5 True Flexibility - The MULTI-VOLTAGE Cutmaster TRUE Series features the versatile and patented 1Torch® with SureLok® technology and consumable parts, lead extensions which provide cutting up to 100 (30.5 m) from power supply, and the flexibility to move quickly from hand to mechanized cutting all with the change of a torch. (Add PCB for CNC interface.)

Truth #6 True Portability - The Cutmaster TRUE Series offers lighter, more portable machines without compromising performance.



Cutmaster 42

Cutmaster 52

Cutmaster 82

Cutmaster 102

Cutmaster 152

Cutmaster TRUE Series System Specifications*

	Cutmaster 42		Cutmaster 52			Cutmaster 82			Cutmaster 102			Cutmaster 152			
Maximum Output	40 Amps		60 Amps			80 Amps			100 Amps			120 Amps			
Kilowatt Output	3.8 kW		6.2 kW			9 kW			12 kW			15.4 kW			
Recommended Cut	3/8" (12 mm) @ 230V 1/4" (6 mm) @ 120V		1/2" (12 mm)			3/4" (20 mm)			1" (25 mm)			1 1/4" (30 mm)			
Maximum Cut	7/8" (22.2 mm) @ 230V 5/8" (15 mm) @ 120V		1 1/8" (30 mm)			1 1/2" (40 mm)			1 3/4" (45 mm)			2" (50 mm)			
Pierce Rating	3/8" (10 mm) @ 230V 1/4" (6 mm) @ 120V		1/2" (12 mm)			5/8" (15 mm)			3/4" (20 mm)			1" (25 mm)			
Input Voltage	120/230V, 1 ph, 50/60 Hz		208-230/460V, 1/3 ph, 50/60 Hz 400V, 3 ph, 50 Hz 600V, 3 ph, 50/60 Hz			208-230/460V, 1/3 ph, 50/60 Hz 400V, 3 ph, 50 Hz 600V, 3 ph, 50/60 Hz			208-230/460V, 1/3 ph, 50/60 Hz 400V, 3 ph, 50 Hz 600V, 3 ph, 50/60 Hz			208-230/460V, 1/3 ph, 50/60 Hz 400V, 3 ph, 50 Hz 600V, 3 ph, 50/60 Hz			
Duty Cycle (@ 40° C)	40% @ 40A - -		40% @ 60A 60% @ 50A 100% @ 30A			40% @ 80A 60% @ 65A 100% @ 55A			60% @ 100A 80% @ 80A 100% @ 70A			- 80% @ 120A 100% @ 100A			
Amperage Draw	Volts	1 Phase	Volts	1 Phase	3 Phase	Volts	1 Phase	3 Phase	Volts	1 Phase	3 Phase	Volts	1 Phase	3 Phase	
	120V	29A	230V	45A	24A	230V	72A	39A	230V	95A	45A	230V	118A	56A	
	230V	15A	460V	31A	16A	460V	44A	21A	460V	60A	29A	460V	76A	37A	
Work Cable	10' (3 m)		20' (6.1 m)			20' (6.1 m)			20' (6.1 m)			20' (6.1 m)			
Dimensions	H	9" (288 mm)	H	15" (381 mm)		H	15" (381 mm)		H	15" (381 mm)		H	15" (381 mm)		
	W	7" (177 mm)	W	12" (305 mm)		W	12" (305 mm)		W	12" (305 mm)		W	12" (305 mm)		
	D	18.5" (470 mm)	D	24" (610 mm)		D	24" (610 mm)		D	30" (762 mm)		D	30" (762 mm)		
Weight	26 lbs (11.8 kg)		43 lbs (19.5 kg)			43 lbs (19.5 kg)			62 lbs (28.1 kg)			62 lbs (28.1 kg)			
Warranty (Parts & Labor)	4 Year Power Supply, 1 year Torch		4 Year Power Supply, 1 year Torch			4 Year Power Supply, 1 year Torch			4 Year Power Supply, 1 year Torch			4 Year Power Supply, 1 year Torch			
Certifications	IP-23C, CSA, NTRL/C		IP-23C, CSA, NTRL/C			IP-23C, CSA, NTRL/C			IP-23C, CSA, NTRL/C			IP-23C, CSA, NTRL/C			
Torch Configuration															
Hand Torch (Supplied)	SL40 w/ATC, 75° hand torch				SL60 w/ATC, 75° hand torch				SL100 w/ATC, 75° hand torch						
Mechanized Torch	-				SL100 (Optional)				SL100 (Optional)				SL100 (Optional)		
Air Pressure	75 psi (5.2 bar)		75 psi (5.2 bar)			70 psi (4.8 bar)			70 psi (4.8 bar)			70 psi (4.8 bar)			
Flow	3.2 cfm (91 l/m) with V2S**		6.7 cfm (190 l/m)			6.7 cfm (190 l/m)			7.5 cfm (212 l/m)			7.5 cfm (212 l/m)			
Ordering Information	Please See Your Victor® Thermal Dynamics® Sales Representative for Specific System Configurations														
SL40-15 ft (4.5 m) lead	1-4200 / 1-4200-7 (CSA)		-			-			-			-			
SL60-20 ft (6.1 m) lead	-		1-5130-V***			1-1130-V***			-			-			
SL60-50 ft (15.2 m) lead	-		1-5131-V***			1-1131-V***			-			-			
SL100-20 ft (6.1 m) lead	-		-			-			1-1330-V***			1-1730-V***			
SL100-50 ft (15.2 m) lead	-		-			-			1-1331-V***			1-1731-V***			

Systems include: power supply, hand torch, spare parts kit, input power cable (selected systems), work cable, and clamp. The Cutmaster 42 also includes: heavy duty carrying case, welding gloves, shade 5 glasses and power plug adapters.

* Subject to change without notice

** The Cutmaster 42 incorporates Vent2Shield technology allowing the use of a considerably smaller compressor (less weight to carry, can be used with 120V) compared to similar 40A units.

*** V (Voltage): 1 = 208/230V, 1/3 Phase; 2 = 460V, 3 Phase; 5 = 600V, 3 Phase. Cutmaster TRUE Series systems are designed to accept multi-voltage input; they can be ordered pre-configured for the voltage most likely to be used. The “-1” and “-2” configurations of catalog numbers listed are set up so that the machine is ordered in the configuration most often used by the individual customer, so that they do not need to add or change input power cable to operate upon receipt of the machine.