



THERMAL DYNAMICS
Professional

TITAN SERIES

**THE NEW
CUTMASTER 42**



www.thermal-dynamics.com

CUTMASTER, Why TRUE?



WHEN YOU NEED IT.

The new and improved 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.



FOUR YEAR **4** WARRANTY

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.**

<p>CUTMASTER TRUE SERIES</p> <p>42</p> <p>RECOMMENDED CUT 1/4"</p> <p>MAXIMUM CUT 5/8"</p> <p>150% MORE PUNCH WHEN YOU NEED IT.</p>	<p>CUTMASTER TRUE SERIES</p> <p>52</p> <p>RECOMMENDED CUT 1/2"</p> <p>MAXIMUM CUT 1 1/8"</p> <p>125% MORE PUNCH WHEN YOU NEED IT.</p>	<p>CUTMASTER TRUE SERIES</p> <p>82</p> <p>RECOMMENDED CUT 3/4"</p> <p>MAXIMUM CUT 1 1/2"</p> <p>100% MORE PUNCH WHEN YOU NEED IT.</p>	<p>CUTMASTER TRUE SERIES</p> <p>102</p> <p>RECOMMENDED CUT 1"</p> <p>MAXIMUM CUT 1 3/4"</p> <p>75% MORE PUNCH WHEN YOU NEED IT.</p>	<p>CUTMASTER TRUE SERIES</p> <p>152</p> <p>RECOMMENDED CUT 1 1/4"</p> <p>MAXIMUM CUT 2"</p> <p>60% MORE PUNCH WHEN YOU NEED IT.</p>
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Truly MORE...

Truth #1
True Confidence

The CUTMASTER®TRUE™ Series microprocessor 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 new **MULTI-VOLTAGE** CUTMASTER TRUE Series features flexible, patented SureLok® torch. Consumable parts, lead extensions provide cutting up to 100' (30.5 m) from power supply, and the flexibility to move quickly from hand to mechanized cutting 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.



* Not available on the Cutmaster 42

THERMAL DYNAMICS®

CUTMASTER® TRUE™ SERIES 42



The **POWER** Of Two Machines Built Into One (120V and 230V)

The all-new THERMAL DYNAMICS® TRUE™ Series **CUTMASTER 42** is one of the most affordable, highest quality 1/4" (6 mm) plasma systems on the market. As part of the TRUE Series, you can rely on the CUTMASTER 42 to cut all day at it's recommended cutting capacity and to pack more punch when you need it.

The CUTMASTER 42 incorporates Vent2Shield (**V2S**) technology allowing the use of a considerably smaller compressor (less weight to carry, can be used with 120V) compared to similar 40A units.

Applications include:

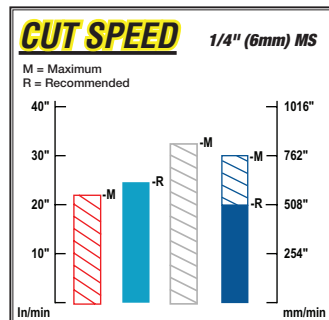
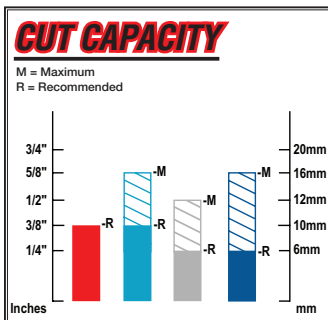
- Auto Body / Marine Repair
- Plumbing & HVAC
- Home Shop
- Metal Building & Roofing Construction
- Rental Fleets

Recommended

1/4" (6 mm)

Maximum

5/8" (15 mm)



Graph Key ■ Competitor A ■ Competitor B ■ Competitor C ■ TD



VENT2SHIELD
TECHNOLOGY

CUTMASTER
TRUE SERIES

42

RECOMMENDED CUT

1/4"

MAXIMUM CUT

5/8"

150%

MORE PUNCH

WHEN YOU NEED IT.

Max Amperage Output - (Amps)	27 @ 120V 40 @ 230V
Output Power - (Kw)	3.8
Recommended Cut - Inches (mm)	1/4" (6)
Max Cut - Inches (mm)	5/8" (15)
Pierce Rating - Inches (mm)	1/4" (6)
Input Voltage - (Volts, Phase, Hz)	120-230V, 1 Phase, 50/60Hz
Duty Cycle (@40°C)	40% @ 40A @ 230V
Dimensions (H x W x L) Inches (mm)	9 x 7 x 18.5 (228 x 117 x 470)
Weight - lbs (kg)	26 (11.8)
Torch Model	SL40™
Air Pressure - psi (bar)	75 (5.2)
Flow - Cfm (l/m)	3.2 (91)
Warranty (Unit/Torch) Parts and Labor	4/1

THERMAL DYNAMICS CUTMASTER® TRUE™ SERIES 52

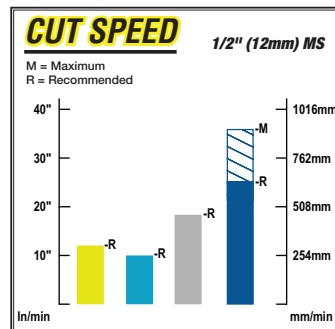
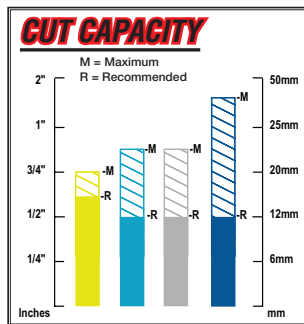
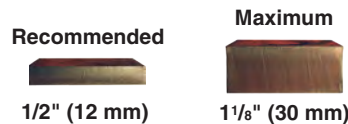
The **CUTMASTER 52** is the most powerful and lightest weight 1/2" (12 mm) machine on the market today.

The CUTMASTER TRUE Series are the only systems that offer the precision of the TRUE Cut Drag Tip Series™. The 60 Amp tip allows the system to drag cut up to 1/4" (6 mm) with ease. Giving the absolute best cut quality possible.

This unit cuts through mild, stainless, or aluminum up to 1 1/8" (30 mm) thick. The CUTMASTER 52 combines power with the well known performance and features of the industry-leading 1Torch®.

Applications include:

- Construction
- Maintenance/Repair
- Fabrication



Graph Key: Competitor A, Competitor B, Competitor C, TD



CUTMASTER
TRUE SERIES

52

RECOMMENDED CUT
1/2"

MAXIMUM CUT

1 1/8"

125%

MORE PUNCH

WHEN YOU NEED IT.

Max Amperage Output - (Amps)	60
Output Power - (Kw)	6.2
Recommended Cut - Inches (mm)	1/2" (12)
Max Cut - Inches (mm)	1 1/8" (30)
Pierce Rating - Inches (mm)	1/2" (12)
Input Voltage - (Volts, Phase, Hz)	<ul style="list-style-type: none"> • 208/230V - 460V • 1/3 Phase 50/60Hz • 400V 3 Phase 50Hz • 600V 3 Phase 50/60Hz
Duty Cycle (@40°C)	40% @ 60A, 60% @ 55A, 100% @ 50A
Amperage Draw	45 (230V, 1 Phase) 24 (230V, 3 Phase) 16 (460V, 3 Phase)
Dimensions (H x W x L) Inches (mm)	15 x 12 x 24 (381 x 305 x 610)
Weight - lbs (kg)	43 (19.5)
Torch Model	SL60® Hand SL100® Automated & Mechanized
Air Pressure - psi (bar)	75 (5.2)
Flow - Cfm (l/m)	6.7 (190)
Warranty (Unit/Torch) Parts and Labor	4/1

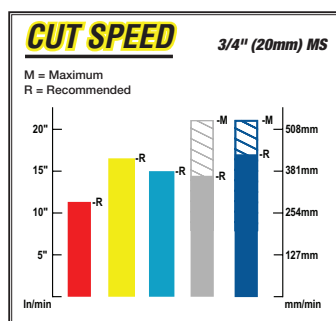
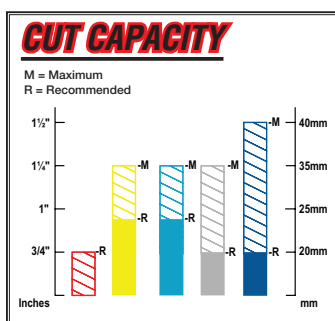
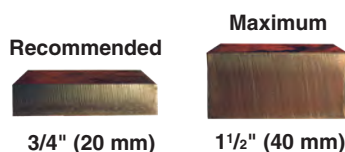
THERMAL DYNAMICS **CUTMASTER® TRUE™ SERIES 82**

The **CUTMASTER 82** weighs in at a mere 43 lbs. (19.5 kg) almost 50% less than its leading competitor, while still offering superior cutting power.

Don't let the size of this unit fool you, it's more than capable of cutting 3/4" (20 mm) with a maximum capability of 1½" (40 mm). This unit, like all other TRUE CUTMASTERS, is equipped with the 1Torch®.

Applications include:

- **Heavy Fabrication**
- **Manufacturing**
- **Contractors**



Graph Key

■ Competitor A ■ Competitor C ■ TD
■ Competitor B ■ Competitor D



**CUTMASTER
TRUE SERIES**

82

**RECOMMENDED CUT
3/4"**

MAXIMUM CUT

1 1/2"

100%

**MORE
PUNCH**
WHEN YOU NEED IT.

Max Amperage Output - (Amps)	80
Output Power - (Kw)	9
Recommended Cut - Inches (mm)	3/4" (20)
Max Cut - Inches (mm)	1 1/2" (40)
Pierce Rating - Inches (mm)	5/8" (15)
Input Voltage - (Volts, Phase, Hz)	• 208/230V - 460V 1/3 Phase 50/60Hz • 400V 3 Phase 50Hz • 600V 3 Phase 50/60Hz
Duty Cycle (@40°C)	40% @ 80A, 60% @ 65A 100% @ 55A
Amperage Draw	72 (230V, 1 Phase) 39 (230V, 3 Phase) 21 (460V, 3 Phase)
Dimensions (H x W x L) Inches (mm)	15 x 12 x 24 (381 x 305 x 610)
Weight - lbs (kg)	43 (19.5)
Torch Model	SL60® Hand SL100® Automated & Mechanized
Air Pressure - psi (bar)	70 (4.8)
Flow - Cfm (l/m)	6.7 (190)
Warranty (Unit/Torch) Parts and Labor	4/1

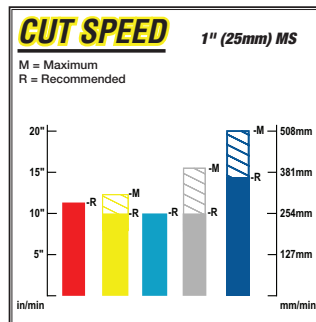
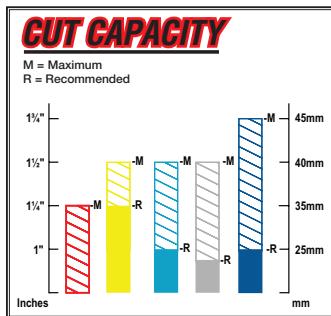
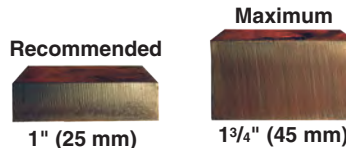
THERMAL DYNAMICS® CUTMASTER® TRUE™ SERIES 102

The **CUTMASTER 102** is the fastest cutting 1" (25 mm) machine on the market today. This unit's light weight compact design combined with multiple voltage selection makes it the most portable and powerful cutting machine available.

This unit combined with the 1Torch® has a maximum cut capacity of 1¾" (45 mm). More cut capacity than any other system in its class!

Applications include:

- Heavy Fabrication
- Manufacturing



Graph Key Competitor A Competitor B Competitor C Competitor D TD



CUTMASTER
TRUE SERIES

102

RECOMMENDED CUT

1"

MAXIMUM CUT

1 3/4"

75%

MORE PUNCH

WHEN YOU NEED IT.

Max Amperage Output - (Amps)	100
Output Power - (Kw)	12
Recommended Cut - Inches (mm)	1" (25)
Max Cut - Inches (mm)	1¾" (45)
Pierce Rating - Inches (mm)	¾" (20)
Input Voltage - (Volts, Phase, Hz)	<ul style="list-style-type: none"> • 208/230V - 460V 1/3 Phase 50/60Hz • 400V 3 Phase 50Hz • 600V 3 Phase 50/60Hz
Duty Cycle (@40°C)	60% @ 100A 80% @ 80A 100% @ 70A
Amperage Draw	95 (230V, 1 Phase) 45 (230V, 3 Phase) 29 (460V, 3 Phase)
Dimensions (H x W x L) Inches (mm)	15 x 12 x 30 (381 x 305 x 762)
Weight - lbs (kg)	62 (28.1)
Torch Model	SL100® Hand, Automated, & Mechanized
Air Pressure - psi (bar)	70 (4.8)
Flow - Cfm (l/m)	7.5 (212)
Warranty (Unit/Torch) Parts and Labor	4/1

THERMAL DYNAMICS

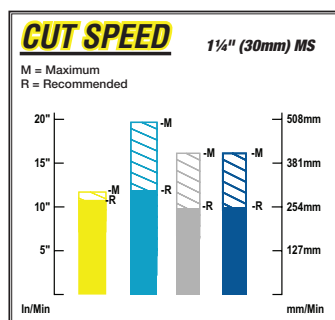
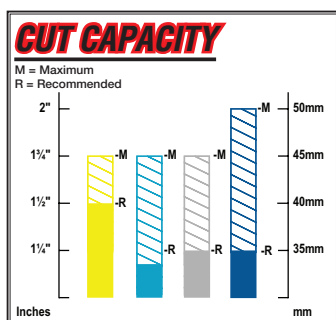
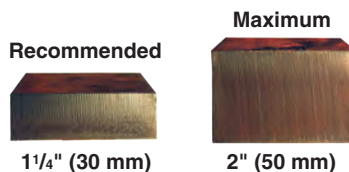
CUTMASTER® TRUE™ SERIES 152

The **CUTMASTER 152** is the heavy weight of hand held cutting systems. This unit comes in a compact-light weight package, but don't let that fool you. It offers enough cutting power to cut 2" (50 mm) material.

This compact unit, like all other CUTMASTERS, comes standard with the 1Torch®. Providing you with the well known comfort and reliability famous throughout the industry.

Applications include:

- Heavy Fabrication
- Manufacturing



Graph Key ■ Competitor A ■ Competitor B ■ Competitor C ■ TD



CUTMASTER
TRUE SERIES

152

RECOMMENDED CUT

1 1/4"

MAXIMUM CUT

2"

60%

MORE PUNCH

WHEN YOU NEED IT.

Max Amperage Output - (Amps)	120
Output Power - (Kw)	15.4
Recommended Cut - Inches (mm)	1 1/4" (30)
Max Cut - Inches (mm)	2" (50)
Pierce Rating - Inches (mm)	1" (25)
Input Voltage - (Volts, Phase, Hz)	<ul style="list-style-type: none"> • 208/230V - 460V • 1/3 Phase 50/60Hz • 400V 3 Phase 50Hz • 600V 3 Phase 50/60Hz
Duty Cycle (@40°C)	80% @ 120A 100% @ 110A
Amperage Draw	120 (230V, 1 Phase) 56 (230V, 3 Phase) 37 (460V, 3 Phase)
Dimensions (H x W x L) Inches (mm)	15 x 12 x 30 (381 x 305 x 762)
Weight - lbs (kg)	62 (28.1)
Torch Model	SL100® Hand, Automated, & Mechanized
Air Pressure - psi (bar)	70 (4.8)
Flow - Cfm (l/m)	7.5 (212)
Warranty (Unit/Torch) Parts and Labor	4/1

CUTMASTER TRUE SERIES **Superior Performance** **Features**

Note: Features apply to 52, 82, 102 and 152 models only

TRUE GUARD™ roll bar provides easy transportation and protects the front and rear of the power supply for unmatched durability.

Universal selectable input power from 208 to 460 VAC \pm 10%, single or three phase, 50 or 60 Hz.

Color Coded LED's indicate pressure status and setup errors.



All user controls are conveniently located on the front panel.

Trigger latch feature prevents hand fatigue during long cuts. Auto Pilot Restart feature instantly reignites the pilot arc while cutting expanded metals.

Convenient storage compartment for spare and consumable parts

Lightweight design improves portability (Reduced nearly 50%).



The Industry's only 60 Amp Drag Tip



Multiple Torch Capability
(Hand, Mechanized, Automation)

1Torch® Consumable Parts Application Guide

For SL60® and SL100® Manual Cutting and Gouging Operations



Drag Tip Cutting

The preferred method of cutting light gauge metal up to 1/4" (6 mm) thickness. Produces the best cut quality narrowest kerf width, fastest cutting speeds, and with little to no distortion. Traditional drag cutting was limited to 40 Amps or less, now with Thermal Dynamics® TRUE Cut Drag Tip Series™ technology it is possible to cut up to 60 Amps. For best results, use the Shield Cut with the torch tip in direct contact with the work (up to 60 Amps).



Standoff Cutting

The preferred method of cutting metal thicker than 1/4" (6 mm) and at current levels above 60 Amps. Provides maximum visibility and accessibility. Shield cup for 'standoff' cutting (with the torch tip 1/8" (3 mm) to 1/4" (6 mm) from the work piece).

Use the shield cup body together with the deflector for extended parts life and improved resistance to reflect heat. This combination provides cutting results similar to the single piece shield cup, as well as easy changeover to gouging or drag shield cutting.








Drag Shield Cutting

This is an operator -friendly method of cutting between 70 to 120 Amps while maintaining a constant standoff distance. For metal thickness greater than 1/4" (6mm), simply drag the shield cap in contact with the work piece. Use the shield cup body with the appropriate drag shield cap matching the current level being used. This method is not recommended for cutting light-gauge sheet metal.

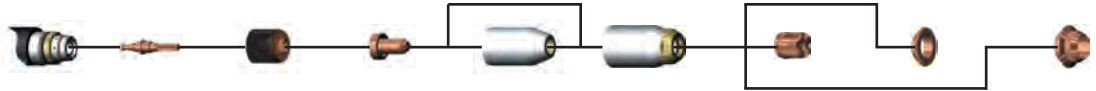


Gouging

A simple method of metal removal by angling the torch to a lead angle of 35°-45°, and using a gouging tip. While maintaining a constant standoff distance, this allows for only a partial penetration into the work, thus removing metal from the surface. The amount of current, travel speed, standoff distance, lead angle, and tip size will determine the amount of material removed and the profile of the gouge. You can use the shield cup body with either the gouging shield cap or the shield deflector. Also, you can use the single piece shield cup.

Gouging Profiles				
	Output Range	Depth	Width	Profile
Tip A	40 Amps (MAX)	Shallow	Narrow	
Tip B	50-100 Amps	Deep	Narrow	
Tip C	60-120 Amps	Moderate	Moderate	
Tip D	60-120 Amps	Shallow	Wide	
Tip E	120 Amps	Moderate	Wide	

1Torch® Consumables Selection Guide



Ordering Information

Current Range	Mode Of Operation	Amps	Electrode	Start Cartridge	Tip	Shield Cup	Shield Cup Body	Drag Shield Cap	Deflector	Gouging Shield Cap			
SL60® and SL100® Consumables													
20-40 Amps	Drag Tip / Cutting	20A	9-8215	9-8213	9-8205	9-8218							
		30A			9-8206	9-8218							
		40A			9-8207	9-8218							
		20A			9-8205		9-8237		9-8243				
		30A			9-8206		9-8237		9-8243				
		40A			9-8207		9-8237		9-8243				
	Standoff Cutting	40A	9-8208	9-8218				9-8241					
		40A	9-8208		9-8237		9-8243						
	Gouging	Tip A	9-8225		9-8237								
50-60 Amps	Drag Tip / Cutting	60A	9-8215	9-8213	9-8252	9-8218							
	Standoff Cutting	50-55A			9-8209	9-8218							
		60A			9-8210	9-8218							
		50-55A			9-8209		9-8237		9-8243				
		60A			9-8210		9-8237		9-8243				
	Drag Shield Cutting	50-55A			9-8209		9-8237		9-8235				
		60A			9-8210		9-8237	9-8235					
	Gouging	Tip B			9-8226		9-8237			9-8241			
		Tip C			9-8227		9-8237			9-8241			
		Tip D			9-8228		9-8237			9-8241			
	70-100 Amps	Standoff Cutting			70A	9-8215	9-8213	9-8231	9-8218				
80A			9-8211	9-8218									
90-100A			9-8212	9-8218									
70A			9-8231		9-8237			9-8243					
80A			9-8211		9-8237			9-8243					
90-100A			9-8212		9-8237			9-8243					
Drag Shield Cutting		70A	9-8231		9-8237			9-8236					
		80A	9-8211		9-8237			9-8236					
		90-100A	9-8212		9-8237			9-8236					
Gouging		Tip B	9-8226		9-8237					9-8241			
		Tip C	9-8227		9-8237					9-8241			
		Tip D	9-8228		9-8237					9-8241			
120 Amps		Standoff Cutting	120A	9-8215	9-8213			9-8253		9-8237		9-8243	
		Drag Shield Cutting	120A					9-8253		9-8237	9-8258	9-8243	
	Gouging	Tip E	9-8254				9-8237		9-8243	9-8241			
NEW SL40™ Consumables (for use with NEW CUTMASTER® 42)													
10-40 Amps	Standoff Cutting	40A	9-0096	9-0097	9-0094	9-0098							
	Drag Tip / Cutting	20A			9-0091								
	Drag Tip / Cutting	40A			9-0093								

Accessories

TORCH CUTTING GUIDES / GUIDE KITS

Cutting Guide Kit (Deluxe)

Cat. No. 7-8910

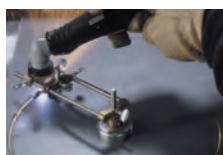
Cuts circles from 2½" (54 mm) to 41½" (1054 mm) with proper cutting attachments. This kit includes easy add-on attachments to fit most Thermal Dynamics torches for precise straight line, circle cutting and beveling. Includes Carrying Case, Radius/Roller Kit (7-7501), Circle Cutting Guide (7-3291), Magnetic Pivot, Suction Pivot.



Circle Cutting Guide Kit

Cat. No. 7-3291

Cuts 2½" (54 mm) to 27¾" (705 mm) circles (using magnetic attachment) when cutting or beveling is required. For use with most Thermal Dynamics torches. Guide shown with optional pivot (7-3148).



Radius / Roller Cutting Guide Kit

Cat. No. 7-7501

This easy-to-use guide cuts circles from 3" (76 mm) up to 28¾" (730 mm). Maintains a consistent height off the work piece whether you are using the circle cutting attachment for cutting circles or the roller guide feature to improve your straight-line cutting. Both novices and experts will see noticeable improvement in quality, speed, and parts life. Can be used with most Thermal Dynamics torches.



Straight Line Cutting Guide

Cat. No. 7-8911

Introducing a new cutting guide accessory suitable for all hand torches. This versatile, straight line cutter is for hand held systems and it cuts vertical, 90° or bevel cuts. Its consistent standoff improves cut quality and maximizes overall performance. Produces more efficient straight line cuts.



Lightweight, minimum set up time, and no power required. Magnetic mounts ensure placement and ease of use. Optional suction plates available for non-magnetic applications (i.e. aluminum and stainless steel). The Cutting Guide Kit includes: 4 ft. (1.2 m) standard rail Torch Holder and Bushing Heavy Duty Magnets (2 ea.) Slide Assembly Wheels and Fasteners. Optional 4 ft. (1.2 m) extensions (9-7971) available.

CUTMASTER® TRUE™ Standoff Cutting Guides

Cat. No. 9-8281 (CUTMASTER 52, 82, 102 and 152)

New standoff guides designed to fit the SL60® and SL100® torches specific to the CUTMASTER TRUE Series systems. The standoff is preset.



MISCELLANEOUS TORCH ACCESSORIES

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 - 1 2 8 0



These lead covers are suitable for both 1Torch® and SureLok® leads. Snaps make it easy to install. For wider torches, consider snapping two covers together width wise.

Trigger Guard Guides

1Torch (SL60 and SL100)

Cat. No. 9-8420 - Short Trigger Guard

Cat. No. 9-8421 - Long Trigger Guard



These guards offer additional protection from accidental activation or damage to the torch switch.

Remote Pendant Control

Cat. No. 7-3460 - 20 ft. (6.1 m)

Remote Pendant Control for your mechanized application.



Hand Pendant Extension

Cat. No. 7-7744 - 25 ft. (7.6 m)

ATC® Lead Extensions

15 ft. (4.6 m)	7-7544
25 ft. (7.6 m)	7-7545
50 ft. (15.2 m)	7-7552

Available for any system using 1Torch® with ATC Quick Disconnect. Leads Extensions enable you to customize your lead length to suit the cutting job.



AIR FILTER / AIR FILTER KITS

For improved consumable parts life and overall performance, Thermal Dynamics recommends Air Filter Kits be used on all plasma cutting systems.

Single Stage Air Filter Kit

Cat. No. 7-7507 (Filter Body 9-7740, Hose 9-7742, Filter Element 9-7741)

For use with shop compressed air systems, this in-line filter will not allow moisture or water to pass through the filter element even if it becomes completely saturated. This hi-tech filter element actually blocks the absorption of water to increase performance and improve consumable parts life.



Two Stage Air Filter

Cat. No. 9-9387

First Stage Element

Cat. No. 9-1021

Second Stage Element

Cat. No. 9-1022



PORTABLE GEAR

Multi-Purpose Cart

Cat. No. 7-8888

Designed for most portable manual cutting systems such as the PakMaster® or CUTMASTER®, or any similar sized systems.



This rugged steel cart has easy rolling 8" (203 mm) diameter wheels along with 3" (76 mm) front mounted casters. This cart also serves as an excellent showroom display stand.

MISCELLANEOUS ACCESSORIES

Welding Gloves

Cat. No. 9-1250



Plasma Cutting Techniques DVD

Cat. No. 9-1253



AUTOMATION ACCESSORIES

Automation Interface Kit

Cat. No. 9-8311 - For CUTMASTER TRUE™ Series (52, 82, 102, and 152)

CNC Interface Cable

25 ft. (7.6 m)	9-8312
50 ft. (15.2 m)	9-8313
75 ft. (22.8 m)	9-8315
100 ft. (30.5 m)	9-8316
125 ft. (38.0 m)	9-8317

Pinion Assembly

Cat. No. 7-2827 - 1 3/8" (35 mm) Diameter



WHEN YOU NEED IT.

How to Contact Us

Customer Care	ph: 1-800-426-1888	fax: 1-800-535-0557
Automation Customer Care	ph: 1-866-279-2628	fax: 1-800-535-0557
International Customer Care	ph: 1-940-381-1212	fax: 1-940-483-8178
Technical & Application Product Services	ph: 1-800-PLASMA2 (1-800-752-7622)	
Copy Center	ph: 1-603-298-5711	
Technical Service Email	tdctech@thermadyne.com	
Customer Service Email	tdcparts@thermadyne.com	
Website:	www.thermal-dynamics.com or www.thermadyne.com	

Sales

At Thermal Dynamics®, we work hard to provide the product information, product demonstrations, Technical expertise, and service your business expects. Thermal Dynamics' District Business Managers work closely with welding distributors across the country to provide product information, demos and training.

When you need product information or want to order our products, contact your local Thermal Dynamics Authorized Distributor. For a list of distributors in your area, call our Customer Care Center at 1-800-426-1888.

Literature Requests

Product literature, operating manuals, and service manuals are all available through our distributors or on our website.

Technical & Application Product Services

Our Technical Service specialists are some of the most valued and experienced in the industry. They can provide assistance with both troubleshooting day-to-day technical issues and cutting process expertise. Contact Technical Service at 1-800-PLASMA2 (1-800-752-7622).

In addition, we have Technical Sales Managers available to conduct sales and service training schools. Contact your Thermadyne District Business Manager.

Service & Repair

Thermal Dynamics products either meet or exceed industry standards, and our torches and power supplies are backed with excellent warranties. With each system or torch, we include an Operating Manual which contains basic troubleshooting and parts replacement procedures. Service Manuals are also available by request to service technicians familiar with high voltage, high power electronics. Service Manuals cover complex troubleshooting procedures and include schematics.

Your local Distributor may also provide on-site service for the products they sell. Additionally, we have a network of authorized independent service centers across the country where you can take your equipment for service.

For the service center nearest you, contact Thermal Dynamics' Customer Care Center at 1-800-426-1888.

Ordering Information

Product Description				Catalog No.		Product Description				Catalog No.	
Plasma Cutting Systems						Note: All 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 two 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.					
CUTMASTER® 42 with SL40™ 75° hand torch 15 ft. (4.5 m) lead											
120/230V 1 Phase 1-4200											
		208/230V 1 Phase	460V 3 Phase	600V 3 Phase			208/230V 1 Phase	460V 3 Phase	600V 3 Phase		
CUTMASTER 52 with SL60® 75° hand torch 20 ft. (6.1 m) lead		1-5130-1	1-5130-2	1-5130-5	CUTMASTER 82 with SL60 75° hand torch 20 ft. (6.1 m) lead		1-1130-1	1-1130-2	1-1130-5		
CUTMASTER 52 with SL60 75° hand torch 50 ft. (15.2 m) lead		1-5131-1	1-5131-2	1-5131-5	CUTMASTER 82 with SL60 75° hand torch 50 ft. (15.2 m) lead		1-1131-1	1-1131-2	1-1131-5		
CUTMASTER 102 with SL100® 75° hand torch 20 ft. (6.1 m) lead		1-1330-1	1-1330-2	1-1330-5	CUTMASTER 152 with SL100 75° hand torch 20 ft. (6.1 m) lead		1-1730-1	1-1730-2	1-1730-5		
CUTMASTER 102 with SL100 75° hand torch 50 ft. (15.2 m) lead		1-1331-1	1-331-2	1-1331-5	CUTMASTER 152 with SL100 75° hand torch 50 ft. (15.2 m) lead		1-1731-1	1-1731-2	1-1731-5		
Torch Leads Packages						Torch Leads Packages					
Hand						Auto Mech.					
SL40, 75°, 15 ft. (4.5 m) torch/leads						SL100, 180° 5 ft. (1.5 m) torch/leads					
SL60, 75°, 20 ft. (6.1 m) torch/leads						SL100, 180° 10 ft. (3.0 m) torch/leads					
SL60, 75°, 50 ft. (15.2 m) torch/leads						SL100, 180° 25 ft. (7.6 m) torch/leads					
SL100, 75°, 20 ft. (6.1 m) torch/leads						SL100, 180° 35 ft. (10.6 m) torch/leads					
SL100, 75°, 50 ft. (15.2 m) torch/leads						SL100, 180° 50 ft. (15.2 m) torch/leads					
SL60, 90°, 20 ft. (6.1 m) torch/leads											
SL60, 90°, 50 ft. (15.2 m) torch/leads*											
SL100, 90°, 20 ft. (6.1 m) torch/leads											
SL100, 90°, 50 ft. (15.2 m) torch/leads**											

THERMAL DYNAMICS®

CUTMASTER® TRUE™ SERIES



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International Customer Care: 940-381-1212 / FAX 940-483-8178 • www.thermal-dynamics.com



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A Global Cutting & Welding Market Leader™

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