

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 Victor 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.

* Not available on the Cutmaster 42



Cutmaster[®] TRUE[™] Series System Specifications*

	Cutmaster 42			Cutmaster 52			Cutmaster 82			Cutmaster 102			Cutmaster 152		
Maximum Amperage 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% @ 55A 100% @ 50A			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" (117 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)				
Air Pressure	75 psi (5.2 bar)					75 psi (5.2 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)				
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***				
SL100-50 ft (15.2 m) lead	-					-					1-1331-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.