

## Plasma Cutters



Thermal Dynamics

■ Single-phase, except 28MG90 is three-phase

**AirForce™ 27i and 40i**—Inverter-based cutters can cut through most conductive metals. Operate from standard 120 or 240VAC power with MVP power cord. AirForce 40i adds Pilot Arc Controller that allows you to cut expanded/perforated metals and painted or coated surfaces without retriggering the torch.

**Tomahawk 375 Air**—Has an internal air compressor that enables operation in environments where external compressed air is not available.

**Tomahawk 1000**—Features PowerConnect® technology that automatically senses and adjusts input power from 200 to 600V. Cutting output remains steady throughout the entire input voltage range.

**Spectrum® 375 X-TREME**—Automatically connects to 115V or 240V. Includes 12-ft. torch and work clamp cables, MVP power cord, plugs, storage case, and extra consumables.

**Spectrum® 625 X-TREME**—Ultra-Quick Connect™ torch cable allows portability and easy interchangeability of handheld or machine torches, for manual or automated cutting. Flexible quick-connect ground cable is easy to position. Each includes torch with cable, work clamp with 20-ft. cable, 12-ft. power cord, MVP adapters with 5-15P (120V, 15A) and 6-50P (240V, 50A) plugs, and extra consumables.

**AirCut 15C**—Lightweight cutting system has a built-in air compressor, to eliminate the need for an external compressor. Provides outstanding cutting power right out of the box and has easy-to-use hand torch switch controls.

**CUTMASTER®**—Powerful, lightweight units have hand torch or hand pendant control. Auto Pilot restart reignites the pilot while cutting expanded metals for more efficient operation. Include 75° angle torch with 20-ft. lead (except 15-ft. lead with 56LE80), 10-ft. input power cable (except 9-ft. cable with 56LE80), work cable and clamp, spare parts kit.



Hobart 56LF05



Lincoln 28MG88



Thermal Dynamics 56LE80

Series	Input Frequency	Maximum Output Current	Plasma Cutting Output @ Duty Cycle			For Maximum Material Thickness	Required Air Flow	Maximum Pressure - Air Compressor	Plasma Torch	Item No.
<b>Hobart</b>										
AirForce 27i	50/60 Hz	27 A	13 A @ 88V DC, 60% (120 V), 27 A @ 92V DC, 35% (120 V), 30 A @ 92V DC, 40% (240 V)			¾ in	5 cfm	90 psi	12 ft Handheld	44YW18
AirForce 40i	60 Hz	40 A	20 A @ 88V DC, 60% (120 V), 27 A @ 91V DC, 35% (120 V), 40 A @ 140V DC, 60% (240 V)			¾ in	6 cfm	90 psi	12 ft Handheld	56LF05
<b>Lincoln Electric</b>										
Tomahawk 375 Air	60 Hz	25 A	13 A @ 85.2 V, 100%, 18 A @ 87.2 V, 60%, 25 A @ 90 V, 35%			½ in	2.1 cfm	80 psi	10 ft Handheld	28MG88 *
Tomahawk 625	50/60 Hz	40 A	24 A @ 89.6 V, 100%, 29 A @ 91.8 V, 60%, 40 A @ 96 V, 35%			¾ in	2.1 cfm	80 psi	20 ft Handheld	28MG89
Tomahawk 1000	50/60 Hz	60 A	40 A @ 96 V, 100%, 60 A @ 104 V, 50%			1 ½ in	4.6 cfm	87 psi	25 ft Handheld	28MG90
	50/60 Hz	100 A	100 A @ 140 V, 60% (3-Phase), 60 A @ 140 V, 100% (1-Phase, 200-208 V), 60 A @ 140 V, 100% (3-Phase), 80 A @ 140 V, 60% (1-Phase, 200-208 V), 80 A @ 140 V, 80% (1-Phase, 230 V), 80 A @ 140 V, 80% (3-Phase)			1 ½ in	6.7 cfm	87 psi	50 ft Handheld	61UX92
Tomahawk 1500	50/60 Hz	100 A				1 ½ in	6.7 cfm	87 psi	25 ft Handheld	61UX91
	50/60 Hz	100 A				1 ½ in	6.7 cfm	87 psi	Torch Not Included	61UX79
<b>Miller Electric</b>										
Spectrum 375 X-TREME	50/60 Hz	30 A	20 A @ 88V DC, 60% (120 V), 27 A @ 92V DC, 35% (120 V), 30 A @ 92V DC, 40% (240 V)			¾ in	5 cfm	120 psi	12 ft Handheld	13Z845
Spectrum 625 X-TREME	60 Hz	40 A	20 A @ 88V DC, 60% (120 V), 27 A @ 91V DC, 35% (120 V), 40 A @ 140V DC, 60% (240 V)			¾ in	6 cfm	90 psi	12 ft Handheld	49X315
	60 Hz	40 A				¾ in	6 cfm	90 psi	20 ft Handheld	49X316
<b>Thermal Dynamics</b>										
AirCut 15C	60 Hz	15 A	15 A, 35%			¾ in	—	—	20 ft Handheld	11G203 *
Cutmaster 40	50/60 Hz	40 A	20 A, 100%, 30 A, 60%, 40 A, 40%			1 in	2.8 cfm	90 psi	15 ft Handheld	56LE80
Cutmaster 58	50/60 Hz	60 A	100% @ 30 A, 40% @ 60 A, 60% @ 50 A			1 ½ in	6.7 cfm	75 psi	20 ft Handheld	61RG78
	50/60 Hz	60 A				1 ½ in	5 cfm	90 psi	20 ft Handheld	54TA04
Cutmaster 60i	50/60 Hz	60 A	40 A, 100%, 50 A, 60%, 60 A, 50%			1 ½ in	5 cfm	90 psi	50 ft Handheld	54TA05
	50/60 Hz	60 A				1 ½ in	5 cfm	90 psi	Torch Not Included	54TA06
Cutmaster A80	50/60 Hz	80 A	100% @ 70 Amps, 80% @ 80 Amps			1 ½ in	6.7 cfm	75 psi	25 ft Machine	61RG79
Cutmaster 82	50/60 Hz	80 A	55 A, 100%, 65 A, 60%, 80 A, 40%			1 ½ in	6.7 cfm	70 psi	20 ft Handheld	11G216
Cutmaster 102	50/60 Hz	100 A	100 A, 60%, 70 A, 100%, 80 A, 80%			1 ¾ in	7.5 cfm	70 psi	20 ft Handheld	20UJ67
Cutmaster A120	50/60 Hz	120 A	100% @ 100 Amps, 80% @ 120 Amps			¾ in	6.7 cfm	80 psi	25 ft Machine	61RG80
Cutmaster 152	50/60 Hz	120 A	100 A, 100%, 120 A, 80%			2 in	7.5 cfm	70 psi	20 ft Handheld	20UJ68

\*Built-in Air Compressor.

## Plasma Torches



Thermal Dynamics

These replacement, handheld plasma torches connect to compatible plasma cutters to make precise cuts or gouges in metals such as steel, stainless steel, and aluminum. They create minimal slag and cause minimal distortion when used on thin materials.

Series	Maximum Current	Duty Cycle	Cable Length	For Rear Connection Type	Head Angle	Compatible with Series	Item No.
<b>Lincoln Electric</b>							
LC105	100 A	60 %	25 ft	—	—	Tomahawk 1500	61UX82
LC25	25 A	35 %	10 ft	—	—	Tomahawk 375 Air	61UX80
LC40	40 A	35 %	20 ft	—	—	Tomahawk 625	61UX81
LC65	60 A	50 %	25 ft	9-Pin	70 °	Tomahawk 1000	33RM81
<b>Miller Electric</b>							
XT30	30 A	40 %	12 ft	Lead	80 °	Spectrum 375 X-TREME	13Z846
XT30C	30 A	40 %	20 ft	Lead	—	Spectrum 375	38G634
XT40	40 A	60 %	20 ft	Quick Disconnect	—	Spectrum 625 X-TREME	49WM69
XT60	60 A	40 %	20 ft	Quick Disconnect	—	Spectrum 875, Spectrum 875 Auto-Line	49WM75
	60 A	40 %	50 ft	Quick Disconnect	80 °		31CF07
<b>Thermal Dynamics</b>							
SL100	120 A	60 %	20 ft	ATC	75 °	Cutmaster 102,	20UJ70
	120 A	60 %	20 ft	RPT (O2B)	75 °	Cutmaster 152	2CZF2
SL40	40 A	40 %	15 ft	ATC	75 °	Cutmaster 42	11G208
	80 A	40 %	20 ft	ATC	75 °		20UJ69
SL60	80 A	40 %	20 ft	RPT (O2B)	75 °		2CZF1
	80 A	40 %	20 ft	ATC	90 °	Cutmaster 52, Cutmaster 82	20UJ71
	80 A	40 %	50 ft	ATC	75 °		54TA08
SL60QD	80 A	40 %	20 ft	ATC	75 °		54TA07



Lincoln 33RM81



Miller 13Z846



Thermal Dynamics 54TA07