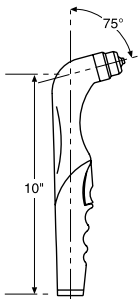# PlazCraft® Torches

How To Order

1. Choose a **Torch Package**.

2. Choose a **Hookup Kit** for your power supply.

3. Choose the appropriate **Accessory Kit** for your cutting application.

Note: Replacement parts are available when the time comes to maintain your torch in the field.
Modular design means that PlazCraft® truly is "the last plasma torch you'll ever buy."
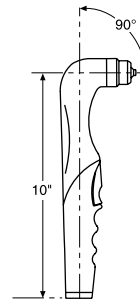
1   Torch Packages

- Each torch package includes an assembled torch head, installed shield cup, cutting tip, electrode and cable.
- Requires a hookup kit which is sold separately.
- Optional accessory kits sold separately.
- Machine torches include an RC-2 Remote Pendant Control plus 24 and 32 Pitch Racks.
- All PlazCraft® torches require pilot arc start.
- Maximum torch power rating for all torches is 12kw.
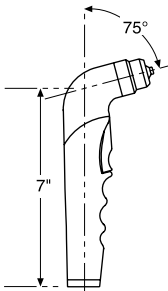
Caution! Do not use with DC current when welding.

Part No.	Description
PC2-30-25	60 AMP Hand Torch with 75° head and 25' cable

.055 cutting tip standard.
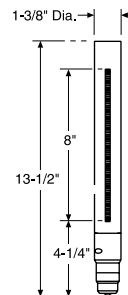
Part No.	Description
PC2-40-25	100 AMP Hand Torch with 90° head and 25' cable
PC2-40-50	100 AMP Hand Torch with 90° head and 50' cable

.075 cutting tip standard.

Part No.	Description
PC2-35-25	100 AMP Hand Torch with 75° head and 25' cable
PC2-35-50	100 AMP Hand Torch with 75° head and 50' cable

.075 cutting tip standard.

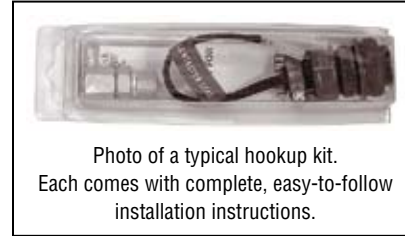| Part No.	Description
PC2-30M-25	100 AMP Machine Torch and 25' cable
PC2-30M-50	100 AMP Machine Torch and 50' cable

.075 cutting tip standard.

PLAZCRAFT

Torch Packages

2 Hookup Kits

Each hookup kit includes connection fittings for the selected power supply.

Power Supply	Part No.	Notes
Daiden®		
SC-60P	PHK-CAE	
ESAB®		
PCS-90	PHK-GAI	
Sidewinder 55, 105	PHK-AAA	
PCM-750i, 875i, 1000i	PHK-EBI	
Harris		PlazCraft torch package connects directly to the Harris Uniplug.
System 50, 65, 100, 150	PHK-AAG	
Hobart®		
Fab Shop	PHK-CBN	
Smoothcut 30	PHK-EXI	
Smoothcut 50 single gas	PHK-GAI	
Smoothcut 50 dual gas	PHK-GEM	
Smoothcut II 35A, 60A, 100A	PHK-ACD	
Hypertherm®		
Max 40 (H/F start)	PHK-BDH	
Max 80, Max 100	PHK-BDH	
Lincoln®		
Procut 60	PHK-ACK	
L-Tec®		L-TEC PCM-82i only: PHK-GAI will work with single connector plug; will not work with dual connector plug.
PCM-31, 32i, VPi, 54i	PHK-EXI	
PCS-80i	PHK-EXI	
PCS-40	PHK-BDH	
PCM-50	PHK-GEM	
PCM-50A, 70, 80, 82i, 84i	PHK-GAI	
PCS-80	PHK-GAI	
PCM-101	PHK-AFI	
PCM-100 Single Gas	PHK-GAI	
PCM100 Dual Gas	PHK-GEM	
PCM-750i, 1000i	PHK-EII	
Miller®		Miller PlazCut machines with serial numbers beginning with JG, JF and JE will not work with PlazCraft torches.
Plazcut 60/Zipcut	PHK-CAE	
Spectrum 250, 500, 750	PHK-ACC	
Spectrum 700, 1000, 1250, PLUS	PHK-BDH	
Multiquip MQ®		
PCX-50SS	PHK-ACJ	
Nu-Tecsys®		
PCA-30/60, 65	PHK-FCG	
OTC®		
D-5000, D-7000	PHK-ACJ	
P-Tron®		
P-Tron 75,100	PHK-ACJ	

Photo of a typical hookup kit.
Each comes with complete, easy-to-follow installation instructions.

Power Supply	Part No.	Notes
Pow-Con®		
Starcut	PHK-BDH	
Smith®		
SPC-30, 20-50, 40-80	PHK-FGL	
Thermal Dynamics®		PlazCraft torch body replaces the PCH-51 and the RTH-40S torches directly. The original cable assembly may be used. PlazCraft torch packages connect directly to Thermal Dynamics Smart Plug®. Adjust Point Procedure (where applicable). Set air pressure to 60-70 psi. Adjust points gap closed until unable to establish pilot arc when trigger is actuated. Using very small increments, adjust points gap until pilot arc is just able to be established when trigger is actuated. Points are now adjusted properly.
PAK-3XR, PAK-5XR, 625XR 750XR, 1000XR, 1250XR PAK-5XT, PAK-6XR, 7XR, 8XR, 10XR, PAKMASTER 50 (internal connection), 50XL, 75XL, 100, 100XL	PHK-AAA	
PAK-4XI, PAK-6Xi, 2XT-220, DYNOPAC 110	PHK-KAG	
PAK-10, PAKMASTER 50 (w/smart torch)	PHK-AFI	
STAK-PAK® 35 (two modules) 70A (three modules) 105A	PHK-SPK	

3 Accessory Kits

Each kit is designed for a specific application. Additional models available, call customer service for more information.

Part No.	Contents		
Accessory Kit for Applications to 100 AMPS			
AK2-H	1 ea.	30-7	Electrode Wrench
	10 ea.	PC2-3	Electrodes
	5 ea.	PC2-067	.067" Cutting Tips, 80 AMP
	5 ea.	PC2-071	.071" Cutting Tips, 90 AMP
	5 ea.	PC2-075	.075" Cutting Tips, 100 AMP
	2 ea.	1640002	Fiberglass Shield Cups
	1 ea.	1640003	1/8" Metal Standoff
Accessory Kit			
AK2-M	1 ea.	30-7	Electrode Wrench
	5 ea.	PC2-3	Electrodes
	3 ea.	PC2-048	.048" Cutting Tips, 40 AMP
	5 ea.	PC2-055	.055" Cutting Tips, 50 AMP
	5 ea.	PC2-060	.060" Cutting Tips, 60 AMP
	2 ea.	1640002	Fiberglass Shield Cups
	1 ea.	1640003	1/8" Metal Standoff