



PLASMA CUTTING SYSTEMS REPLACEMENT TORCHES & ACCESSORIES

1TORCH™ SERIES REPLACEMENTS FOR **PakMaster® XL PLUS & CUTMASTER™**



With ATC™ (Advanced Torch Connector) Quick Disconnect



Our new quick disconnect design brings plasma cutting torch, easily convert from a machine to a hand torch operation, or simply put on a different size torch all in the matter of a few seconds and not have to use any tools to complete the task!

extra flexibility to any plasma system. Imagine being able to change out a damaged plasma cutting torch, easily convert from a machine to a hand torch operation, or simply put on a different size torch all in the matter of a few seconds and not have to use any tools to complete the task!

SL60™ Hand Torch, 75° and Leads w/ ATC

20-60 Amp, Gas Cooled, Single Gas, Plasma Torch with Ergonomic Handle



Part No. 7-5204 Torch, w/20' Leads \$464.67 EA
Part No. 7-5205 Torch, w/50' Leads \$557.00 EA

SL100™ Hand Torch, 75° and Leads w/ ATC

30-100 Amp, Gas Cooled, Single Gas, Plasma Torch with Ergonomic Handle



Part No. 7-5206 Torch, w/20' Leads \$464.67 EA
Part No. 7-5208 Torch, w/50' Leads \$557.00 EA

SL100™ Machine Torch, 180° and Leads w/ ATC

30-100 Amp, Gas Cooled, Single Gas, Plasma Torch, 1-3/8" Fiberglass Tube w/32 pitch Rack and Remote Control Interface Adapter



Part No. 7-5215 Torch, w/25' Leads \$546.91 EA
Part No. 7-5216 Torch, w/50' Leads \$662.65 EA

The 1Torch™ is the proper replacement for the PakMaster® XL PLUS & CUTMASTER™ 1Series plasma systems shown in this catalog. Plasma systems in this catalog (as well as early versions of these units) can also be supplied with the first generation of SureLok® torches and consumables;

PakMaster® 50XL PLUS & CUTMASTER™ 50 - uses the PCH/M-62 Torch and Consumables
PakMaster® 75 & 100 XL PLUS & CUTMASTER™ 75 & 100 uses the PCH/M-102 Torch and Consumables
Prior to 2003 the PakMaster®; 38XL used the PCH-25/38 Torch, 50XL PLUS used the PCH/M-40 Torch, 75XL PLUS used the PCH/M-60 torch, 100XL PLUS used the PCH/M-80 Torch (and consumables)

Non "XL" or "XL PLUS" PakMaster® Series were supplied with other Thermal Dynamics brand torches
Consumables for all torches mentioned on this page are available in the "Plasma Cutting Replacement Parts" section of this catalog under Thermal Dynamics Consumables

Convert Your Existing Plasma Machine to the 1TORCH™!

The 1Torch™ allows you to standardize all of your machines, so they will utilize common consumables. The 1Torch™ is the first plasma cutting torch that performs with virtually all brands of plasma cutting power supplies. The 1Torch™ works with high frequency start systems, CD start systems, touch start systems and moving parts (blow back) start systems. Install the 1Torch™ on your current plasma power supply and you immediately benefit from the latest in high performance torch technology available today. Call so we can suggest the proper adapter to connect the 1Torch™ to your existing machine.

ATC™ Lead Extensions



Extends Torch Cable Length on all 1Torch™ Series Torches w/ATC

Lead Extensions - Standard

Part No. 7-7544, Lead Extension 15' \$229.00 Ea.
Part No. 7-7545, Lead Extension 25' \$270.00 Ea.
Part No. 7-7552, Lead Extension 50' \$528.00 Ea.

PLASMA CIRCLE, STRAIGHT & BEVEL CUTTING ROLLER GUIDE KIT

- Features from 2" to 42" diameter circle capability
- Provides high degree of adjustment capability
- Includes both magnetic and suction pivots for ferrous and non-ferrous materials
- Roller guide adaptor included for straight line and bevel cutting
- Includes convenient carrying case



Part No. 7-8910 \$225.00 Ea.

Remote Control Pendant w/20' Cable for Machine Torch



Part No. 7-3460 \$151.34 Ea.



Multi-Purpose Cart

Part No. 7-8888 \$185.50 Ea.

Fits all Systems (80 amps and below)

Rugged steel cart with large rubber wheels, swivel casters and extra shelf to maximize system portability

What is Plasma?

Plasma is defined as; a process in which a pressurized gas is heated, to an extremely high temperature, and ionized so that it becomes electrically conductive. The plasma arc cutting and gouging process uses this "plasma" to transfer an electrical arc to the work piece. The metal to be cut or removed is melted by the heat of the arc and then blown away by the gas pressure.

Originally the plasma cutting process used Tungsten material as the electrode to transfer current. Tungsten required a pure gas atmosphere, so this process necessitated bottled gas. In the 80's, the substitution of Hafnium, for Tungsten, allowed the use of impure gases including compressed air (do to the high Nitrogen content found naturally in our atmosphere). Now you can cut most metals with gas supplied by your air compressor.