

Machine Cutting Torches

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Two-Hose Cutting Torches

Quick Specs	Typical Applications	Oxy-Fuel Process	Fuel Gases	Lengths
	Shipbuilding Metal fabrication Pipeline	Cutting	Acetylene Propane	Natural gas Propylene
				SC770: 8 in. (203 mm) SC772A: 13.75 in. (349 mm)

Solid construction and ease of operation for heavy-duty machine cutting applications.

Adjustable torch barrels easily adjust to four positions at 90-degree increments.

Three-tube construction keeps gases separate in the cutting attachment until mixed at the tip for safety.

Adjustable valve resistance. PTFE packing provides a gas-tight seal while allowing the "drag" to be adjusted to the individual preference.

Stainless steel ball-style valves provide smooth adjustment and positive seating to eliminate leaks.

Replaceable hose connections are easily replaced if damaged, reducing maintenance costs.

Slip-in tip design. No wrench is needed, allowing for quick and easy tip changes.

Barrel diameters are 1-3/8 inches (9.5 mm) with 32 pitch gear rack to fit most machines.

SC772A machine cutting torch shown.

Ease-on cutting oxygen provides exceptionally smooth application of cutting oxygen, reducing keyholing and slag blowback without sacrificing extremely high cutting capacity.

Rotatable cutting lever can easily be rotated 360 degrees.



Torches are warranted for 25 years, parts and labor.



Electrical Testing Laboratories (ETL) Listed for oxy-fuel torches.



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f y t i n



Two-Hose Machine Cutting Torches

Ideal for shipbuilding, fabrication and pipeline industries.

Cuts up to 12-inch (305 mm) thick steel with acetylene, propane/natural gas or propylene.

Materials of construction

- Handle, lever and butt: nickel-plated brass
- Tubes: brass
- Hose connections: nickel-plated brass
- Barrel tube: nickel-plated brass
- Valve stem: bronze
- Valve packing: PTFE
- Valve ball: stainless steel
- Valve nut: nickel-plated brass
- Valve knob: nickel-plated zinc
- Springs: stainless steel
- Silver-brazed assembly
- Cutting valve stem: stainless steel
- Cutting seat: Buna-N
- Seat retainer: brass
- O-rings: Buna-N

Specifications

SC770

Length: 8 in. (203 mm)
Weight: 2.9 lb. (1.32 kg)

SC772A

Length: 13.75 in. (349 mm)
Weight: 3.9 lb. (1.77 kg)



Ordering Information

MACHINE CUTTING TORCHES	STOCK NO.	DESCRIPTION	QTY.	PRICE
Two-Hose Machine Cutting Torches	SC770	8 in. (203 mm)		
	SC772A	13.75 in. (349 mm)		
HEAVY-DUTY CUTTING TIPS				
SC12 Series One-Piece Cutting Tips		For acetylene. General cutting tips		
SC40 Series Two-Piece Cutting Tips		For propane or natural gas. General cutting tips		
SC46 Series One-Piece Cutting Tips		For propane or natural gas. Dirty or coated metal cutting tips		
SC50 Series Two-Piece Cutting Tips		For propane or natural gas. Heavy preheat cutting tips		
SC60 Series Two-Piece Cutting Tips		For propylene. Medium preheat cutting tips		
REPLACEMENT PARTS				
Valve Assembly	LW14B-1	For two-hose pre-heat valve replacement — includes fuel and oxygen pre-heat valves		
Cutting Valve Assembly	4767			
Hose Connections	3060-1	Oxygen		
	3060-2	Fuel		
Gear Rack	4769-1	For SC770		
	15599	For SC772A. Includes gear rack mounting screws		
Gear Rack Mounting Screws	4770	Two per gear rack		
ACCESSORIES				
Flashback Arrestors	H743	Torch-mount flashback arrestors (pair)		
Check Valves	H697	Torch-mount reverse-flow check valves (pair)		
Twin-Hoses	TRL1131	For all fuel gases. 20 ft. (6.1 m) "T"-grade, 1/4 in. ID, "B" fittings		
	RL1131	For acetylene only. 25 ft. (7.6 m) "R"-grade, 1/4 in. ID, "B" fittings		
Two-Hose Manifold	NE135B	Oxygen "B" connections		
	NE136B	Fuel "B" connections		
Tip Cleaner	16570			

See separate Cutting Tips literature GE/27.0 for additional specialty cutting and gouging tips, detailed cutting capacity, pressure settings and gas consumption.

DATE: _____ TOTAL QUOTED PRICE: _____

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