

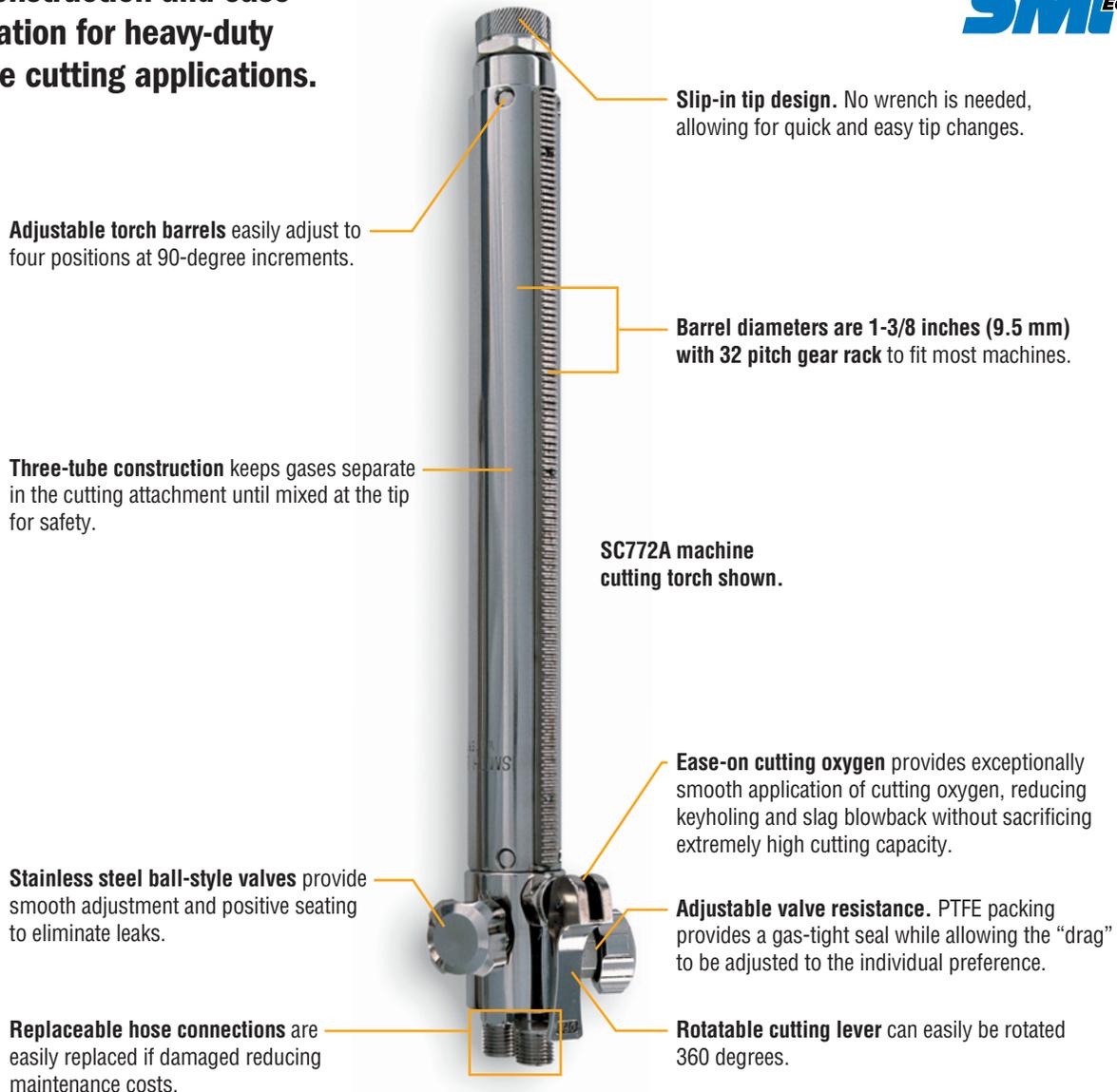
Machine Cutting Torches

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.

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.

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

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.

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

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

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

Rotatable cutting lever can easily be rotated 360 degrees.



Torches are warranted for five years, parts and labor.



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



Miller Electric Mfg. LLC
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

Equipment Sales US and Canada
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

MillerWelds.com
f X YouTube Instagram LinkedIn



Two-Hose Machine Cutting Torches

SC770



SC772A



Ideal for shipbuilding, fabrication and pipeline industries.

Cuts up to 12-inch (305 mm) thick steel.

Materials of construction

- Head, 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)

Gas Service	Cutting and Gouging Tips		
	Stock No.	Description	Reference
Acetylene	SC12-00 to SC12-6	General cutting tips	See separate Cutting Tips literature GE/27.0 for additional specialty cutting and gouging tips, detailed cutting capacity, pressure settings and gas consumption
Propane/natural gas	SC40-0 to SC40-4 SC46-2, SC46-4 to SC46-6 SC50-0 to SC50-6	General cutting tips Dirty or coated metal cutting tips Heavy preheat cutting tips	
Propylene	SC60-0 to SC60-6	Medium preheat cutting tips	

Ordering Information

Machine Cutting Torches	Stock No.	Description	Qty.	Price
Two-Hose Machine Cutting Torches	SC770 SC772A	8 in. (203 mm) 13.75 in. (349 mm)		
Heavy-Duty Cutting Tips				
SC12 Series One-Piece Cutting Tips		For acetylene	See separate Cutting Tips literature GE/27.0 for additional specialty cutting and gouging tips, detailed cutting capacity, pressure settings and gas consumption.	
SC40 Series Two-Piece Cutting Tips		For propane or natural gas		
SC46 Series One-Piece Cutting Tips		For propane or natural gas		
SC50 Series Two-Piece Cutting Tips (heavy preheat)		For propane or natural gas		
SC60 Series Two-Piece Cutting Tips (medium preheat)		For propylene		
Accessories				
Flashback Arrestors	H743	Torch-mount flashback arrestors (pair)		
Check Valves	H697	Torch-mount reverse-flow check valves (pair)		
Twin-Hoses	TRL1131 RL1131	20 ft. (6.1 m) "T"-grade, 1/4 in. ID, "B" fittings. For all fuel gases 25 ft. (7.6 m) "R"-grade, 1/4 in. ID, "B" fittings. For acetylene only		
Two-Hose Manifold	NE135B NE136B	Oxygen "B" connections Fuel "B" connections		
Tip Cleaner	16570			
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 3060-2	Oxygen Fuel		
Gear Rack	4769-1 15599	For SC770 For SC772A		
Gear Rack Mounting Screws	3060-1	Two per gear rack		

Date:

Total Quoted Price:

Distributed by:

