

Hand Cutting Torches

Quick Specs	Typical Applications	Oxy-Fuel Processes	Fuel Gases	Head Angles
	Shipbuilding Railroad Salvage Pipeline	Farm and ranch Metal fabrication Construction and demolition	Acetylene Propane Natural gas Propylene	75 degrees 90 degrees 180 degrees

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



In-tip gas mixing ensures lowest amount of mixed gas in the system. Sustained backfire can be isolated in the tip, helping protect the operator and the torch.

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

Thick-wall forged brass head. Super-tough, thick-walled head reduces heat warping and damage.

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

Durable brass raised-rib handle for comfort and positive grip. Adds comfort and reduces operator fatigue.

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

Reversible cutting lever. Top- or bottom-mount lever for ease of use.

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.

SC229 heavy-duty cutting torch shown.

SC929 Gas Axe™ extra-heavy-duty cutting torch shown.



Torches are warranted for five years, parts and labor (except Gas Axe™ torches — one year).



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SC Series Heavy-Duty Hand Cutting Torches



SC229



SC229S

Ideal for construction, fabrication and shipyard industries.

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

Materials of construction

- Head, lever and butt: nickel-plated brass (head on SC229S made with thicker-wall manganese bronze for more severe service)
- Tubes: nickel-plated stainless steel
- Hose connections: nickel-plated brass
- Inlet filter: sintered bronze
- Handle tube: nickel-plated brass
- Front piece: 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

SC225, SC229, SC229S, SC220
 Length: 20.5 in. (521 mm)
 except SC220: 21 in. (533 mm)
 Weight: 2.7 lb. (1.22 kg)
 Head angle: 75° (SC225)
 90° (SC229, SC229S)
 180° (SC220)

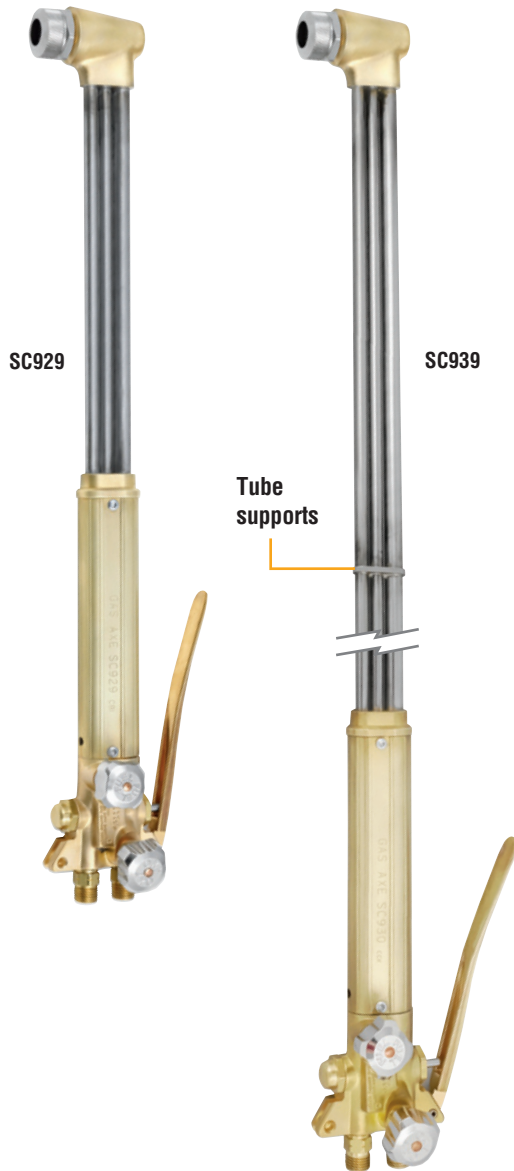
SC365, SC369, SC360
 Length: 36 in. (914 mm)
 Weight: 3.3 lb. (1.5 kg)
 Head angle: 75° (SC365)
 90° (SC369)
 180° (SC360)



Electrical Testing Laboratories (ETL) Listed
 for SC Series hand cutting oxy-fuel torches.

Gas Service	Cutting and Gouging Tips		
	Stock No.	Description	Reference
Acetylene	SC12-00 to SC12-6 SC12-4X9 SC14-3 SC13-3 and SC13-5	General cutting tips Extra-long cutting tip Rivet/riser cutting tip Gouging tips	See separate Cutting Tips literature GE/27.0 for 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 SC2-2 and SC2-4	General cutting tips Dirty or coated metal cutting tips Heavy preheat cutting tips Gouging tips	
Propylene	SC60-0 to SC60-6	Medium preheat cutting tips	

Gas Axe™ Extra-Heavy-Duty Hand Cutting Torches



Ideal for scrap and demolition cutting.

Cuts up to 12-inch (305 mm) thick steel with acetylene and propylene.
Cuts up to 20-inch (508 mm) thick steel with propane/natural gas.

Materials of construction

- Head: manganese bronze
- Lever and butt: brass
- Tubes: stainless steel
- Tube supports: stainless steel (not on SC925 or SC929)
- Hose connections: brass
- Handle tube: brass
- Front piece: brass
- Valve stem: bronze
- Valve packing: PTFE
- Valve ball: stainless steel
- Valve nut: 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

SC925, SC929
Length: 21 in. (533 mm)
Weight: 3.5 lb. (1.6 kg)
Head angle: 75° (SC925)
90° (SC929)

SC935, SC939, SC930
Length: 36 in. (914 mm)
Weight: 4.2 lb. (1.9 kg)
Head angle: 75° (SC935)
90° (SC939)
180° (SC930)

SC945, SC949, SC940
Length: 48 in. (1,219 mm)
Weight: 4.8 lb. (2.2 kg)
Head angle: 75° (SC945)
90° (SC949)
180° (SC940)

SC965, SC969, SC960
Length: 72 in. (1,829 mm)
Weight: 6.2 lb. (2.8 kg)
Head angle: 75° (SC965)
90° (SC969)
180° (SC960)



CAUTION! Gas Axe torches must be used in conjunction with high-flow flashback arrestors.

Gas Service	Cutting and Gouging Tips		
	Stock No.	Description	Reference
Acetylene	SC12-00 to SC12-6 SC12-4X9 SC14-3 SC13-3 and SC13-5	General cutting tips Extra-long cutting tip Rivet/riser cutting tip Gouging tips	See separate Cutting Tips literature GE/27.0 for 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 SC50-9 SC2-2 and SC2-4	General cutting tips Dirty or coated metal cutting tips Heavy preheat cutting tips Gouging tips	
Propylene	SC60-0 to SC60-6	Medium preheat cutting tips	

Recommended High Flow Regulators (For use with SC50-6 to SC50-9 heavy preheat propane/natural gas cutting tips.)

Gas Service	Regulators	
	Stock No.	Description
Oxygen	40-175-540 and 40-275-540 46-175	Heavy-duty single-stage regulators Heavy-duty single-stage station regulator (Series 46™)
LP gas (propane/natural gas, propylene)	40-50-510 46-50	Heavy-duty single-stage regulators Heavy-duty single-stage station regulator (Series 46™)

Ordering Information

Hand Cutting Torches	Stock No.	Description	Qty.	Price
SC Series Heavy-Duty Cutting Torches	SC225	75° head angle, 20.5 in. (521 mm)		
	SC229	90° head angle, 20.5 in. (521 mm)		
	SC229S	90° head angle, 20.5 in. (521 mm), extra-heavy-duty head		
	SC220	180° head angle, 21 in. (533 mm)		
	SC365	75° head angle, 36 in. (914 mm)		
	SC369	90° head angle, 36 in. (914 mm)		
	SC360	180° head angle, 36 in. (914 mm)		
Gas Axe™ Extra Heavy-Duty Cutting Torches	SC925	75° head angle, 21 in. (533 mm)		
	SC929	90° head angle, 21 in. (533 mm)		
	SC935	75° head angle, 36 in. (914 mm)		
	SC939	90° head angle, 36 in. (914 mm)		
	SC930	180° head angle, 36 in. (914 mm)		
	SC945	75° head angle, 48 in. (1,219 mm)		
	SC949	90° head angle, 48 in. (1,219 mm)		
	SC940	180° head angle, 48 in. (1,219 mm)		
	SC965	75° head angle, 72 in. (1,829 mm)		
	SC969	90° head angle, 72 in. (1,829 mm)		
	SC960	180° head angle, 72 in. (1,829 mm)		
Heavy-Duty Cutting and Gouging Tips		See pages 2 and 3		
SC12 Series One-Piece Cutting Tips		For acetylene	See separate Cutting Tips literature GE/27.0 for 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		
Extra-Long Cutting Tip	SC12-4X9	For acetylene		
Rivet/Riser Cutting Tip	SC14-3	For acetylene		
SC13 Series Gouging Tips		For acetylene		
SC2 Series Gouging Tips		For propane or natural gas		
Regulators		See page 3		See separate Series 40 and Series 46 Regulators literature GE/5.0 for detailed delivery/inlet pressures and outlet/inlet connections.
Series 40™ Heavy-Duty Single-Stage Regulators (recommended for use with SC50-6 to SC50-9 tips)	40-175-540 40-275-540 40-50-510	For oxygen For oxygen For LP gas (propane/natural gas, propylene)		
Series 46™ Heavy-Duty Single-Stage Station Regulators (recommended for use with SC50-6 to SC50-9 tips)	46-175 46-50	For oxygen For LP gas (propane/natural gas, propylene)		
Replacement Parts				
Valve Assembly	LW14B-1			
Hose Connections	3060-1 3060-2	Oxygen Fuel		
Accessories				
Flashback Arrestors	H743	Torch-mount flashback arrestors (pair)		
Check Valves	H697	Torch-mount reverse-flow check valves (pair)		
Repair Kit	SC100 15772	SC Series heavy-duty hand cutting torches Gas Axe extra-heavy-duty hand cutting torches		
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		
Tip Cleaner	16570			
Adjustable Circle Cutting Guide	16229	Cuts from 5/8 to 12 in. diameter holes — works with all SC-style cutting tips		

Date:

Total Quoted Price:

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