

Gas Axe™

1. Slip-In Cutting Tips

2. Manganese Bronze Head

3. Three Tube Construction

4. Tube Supports

7. Ergonomic Handle

8. Stainless Steel Ball-Style Valves

9. Replaceable Hose Connections easily replaced if damaged

SC935

Gas Axe™ Extra Heavy Duty Torches Ideal for Scrap/Demolition Cutting

Safety engineered; designed for severe applications. Excellent for use with Propane or Natural Gas. Works with all gases including Propane/Propylene based fuels, MAPP®, Natural Gas & Acetylene. Extra high capacity cuts to 24" (610 mm) with Acetylene. Cuts to 20" (508 mm) with Propane. American made and backed with a one year warranty.

FEATURE BENEFITS

- 1 Slip-In Cutting Tips**
Saves time when changing tips - no wrench needed. Resilient Graf-Tite® seat material protects tip from nicking and maintains positive seating. Requires less replacement than metal-to-metal seat tip designs.
- 2 Manganese Bronze Head**
Super tough thick wall manganese bronze head reduces heat warping and damage.
- 3 Three Tube Construction**
Keeps gases separated, eliminating mixing tube burnout. Smith's thick wall, high capacity stainless steel tubes provide high gas flow and superior strength.
- 4 Tube Supports**
For added strength.
- 5 Reversible - Ergonomic, Cutting Lever**
Top or bottom mount lever for comfort and ease of use.
- 6 Ease-On Cutting Oxygen**
Exceptionally smooth application of cutting oxygen reduces key-holing and slag blow-back without sacrificing extremely high cutting capacity.
- 7 Ergonomic Handle**
Thick brass, durable raised rib handle for comfort and positive grip. Adds comfort and reduces operator fatigue.
- 8 Stainless Steel Ball-Style Valves**
For easy shut-off, smooth adjustment and positive seating.
- 9 Replaceable Hose Connections**
Easily replaced if damaged.

100% TESTED AND INSPECTED

1 Year Limited Warranty

Smith Gas Axe™ Torches:

- Safety Engineered
- Highest Quality
- Least Repairs
- Less Downtime
- Most Economical To Operate



Warning!
High flow capacity flashback arrestors must be attached to the torch before operating!



Gas Axe™ Extra Heavy Duty



Torches

Recommended Hose Sizes & Recommended Pressures

SC50 Series - Propane/Nat. Gas Tips, Sizes 6-9

Tip Size	Minimum Pressure At Torch	Recommended Pressure Settings (PSIG)				
		1/4" Dia. Hose		3/8" Dia. Hose		
		50 ft.	100 ft.	50 ft.	100 ft.	200 ft.
SC50-6	92 psig	130	145	117	122	138
SC50-7	95 psig	N/R	N/R	125	135	146
SC50-8	95 psig	N/R	N/R	130	140	155
SC50-9	95 psig	N/R	N/R	130	140	164

N/R - Not Recommended - **Note:** Smaller tips require less flow and will operate satisfactory with 1/4" dia. hose.

Lengths Available

3', 4', 5' & 6' lengths.

Contact factory for availability of extended lengths.

Available Torch Head Angles

Heavy duty manganese bronze head. Choice of 75°, 90° and 180°.

SC Series Stock No.	Head Angle	Length inch/metric	See Pages 32 - 37 For Cutting Tips
SC935	75°	3'/914mm	Oxygen/Acetylene: SC12-00 thru SC12-6 SC56-1 thru SC56-9
SC939	90°	3'/914mm	
SC930	180°	3'/914mm	Oxygen/Propane Oxygen/Propane Based: SC40-0 thru SC40-4 SC46-2 thru SC46-6 SC50-0 thru SC50-9
SC945	75°	4'/1.2m	
SC949	90°	4'/1.2m	Oxygen/Propylene: SC60-0 thru SC60-6 SC2-2, SC2-4
SC940	180°	4'/1.2m	
SC955	75°	5'/1.5m	
SC959	90°	5'/1.5m	
SC950	180°	5'/1.5m	
SC965	75°	6'/1.8m	
SC969	90°	6'/1.8m	
SC960	180°	6'/1.8m	

NOTE: Contact factory for extended lengths.

Recommended High Flow Regulators

Model Number	Gas	Outlet (PSIG) Pressure	Type
HB1510A-540	Oxygen	0-125	Cylinder
HB1522B-510	LP Gas	0-60	Cylinder
HB1575A	Oxygen	0-150	Manifold
HB1580A	LP Gas	0-60	Manifold
255-00-08*	Oxygen	0-350	Liquid

*Equipped with stainless steel diaphragm and rear entry cylinder connection.



Cylinder Regulator



Manifold Regulator



Available Regulator Hard Hat™ protects gauges from damage. Part #HB190



Part # H743 (pair)

- The Smith Oxygen Flashback Arrestors shown here may be used on tips up to size 5.
- Tips ranging from Size 6-9 require high capacity Oxygen Flashback Arrestors. We Recommend Ibeda Brand: Part # - 0701-3021 - Fuel Gas Part # - 0701-3022 - Oxygen For more info go to: www.oxyfuelsafety.com



Warning! High flow capacity flashback arrestors must be attached to the torch before operating!