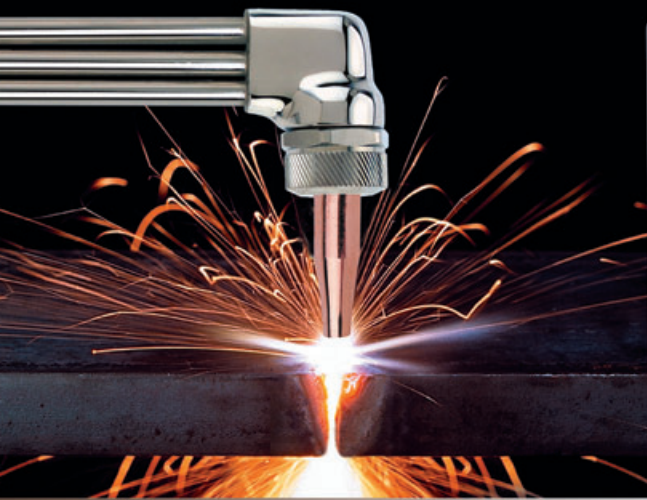




NEW! OXY-FUEL KITS

FOR CUTTING, WELDING, HEATING, BRAZING AND SOLDERING



Our versatile cutting and welding outfits include many features that are perfect for applications such as farm, ranch, hobby, automotive, refrigeration, fabrication, and repair. This outfit features rugged and reliable Smith Series 30 medium-duty regulators. Torch and regulators are covered by a three-year limited warranty.

Features and Benefits

- Rugged brass and stainless steel torch construction
- Cuts to 5/8 inch (with tip included), and up to 6 inches with optional tips
- Welds to 1/8 inch (with tip included)
- In-tip gas-mix torch design for added safety and extended torch life
- Soft-seat slip-in tips for long life and smooth cuts
- Ease-on cutting valve for keyhole-free starts
- Stainless steel ball torch valves for smooth flame adjustment and positive shut-off
- Industrial-grade Series 30 regulators with filtered seat for extended life
- Gauges constructed with shatter-resistant polycarbonate lenses

Oxy-Acetylene Cutting, Welding and Heating Outfit (#301 015*) Comes Complete with:

- Medium-duty torch handle (#301 025)
- Medium-duty cutting assembly (#301 026)
- Acetylene cutting tip (#301 023)
- Welding tip (#301 018)
- Acetylene heating tip (#301 016)
- Oxygen regulator (#301 030)
- Acetylene regulator (#301 031)
- Miller® safety glasses with shade 5 lens and blue frames (#235 657)
- Torch lighter
- 20-foot "R"-grade twin hose
- Reverse-flow check valves (2)
- Safety and operations manual

*For CGA-300 cylinder regulator, order kit (#301 040) which includes acetylene regulator (#301 043).

Series 30 Regulators

- Sure-Seat™ design keeps high-pressure seat clean
- Neoprene composite diaphragm
- Exceptional accuracy
- Inlet filter keeps debris from entering regulator



Cutting Assembly

- Gases remain separate until reaching tip which protects torch from burn damage and also helps protect operator
- Rotates 360 degrees even when ignited eliminating resistance of the hose during cutting
- Hand tightens to handle (no tools needed)

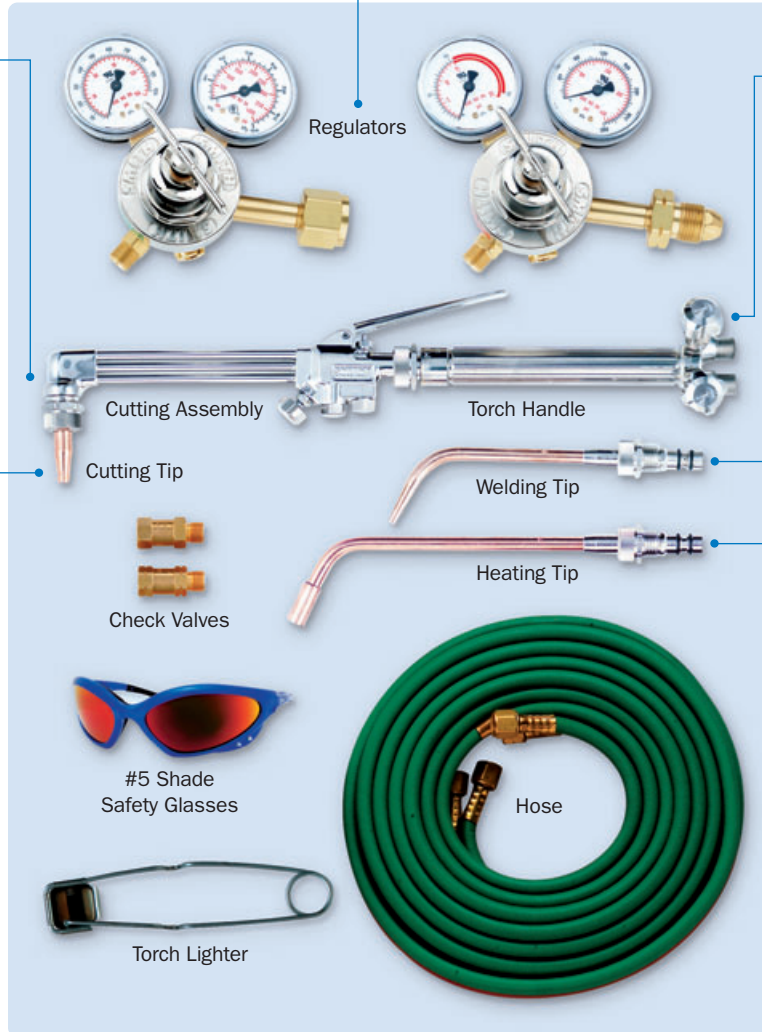


Cutting Tip

- **Size:** 1
- **Max. cutting thickness:** 5/8 in. (16 mm)
- **Cutting orifice drill size:** #55
- **EXCLUSIVE!** Graf-Tite™ soft seat material resists damage for longer life. Competitors' metal-to-metal seat-style tips are easily damaged resulting in gas leakage
- Hand tightens for easy changeover (no tools needed)
- 100% flame tested to ensure top performance

Optional Tips

See charts below for optional tips that can help extend your cutting and welding capabilities.



Combination Torch Handles

- Internal thread design eliminates thread damage
- Nickel plated for heat and corrosion resistance
- Drag adjustment to set desired valve resistance

Welding Tip

- **Size:** 5
- **Max. welding thickness:** 1/8 in. (3 mm)
- **Drill size:** #57
- Thick-wall copper reduces overheating and backfiring
- Smooth orifice produces precision flame
- Rotates 360 degrees even when ignited
- Hand tightens for easy changeover (no tools needed)

Heating Tip

- **Flames:** 6
- **Drill size:** #64
- **Gas consumption (SCFH):**
Oxygen: 32
Acetylene: 29
- **Average BTU output:** 41,550
- Rotates 360 degrees even when ignited
- Hand tightens for easy changeover (no tools needed)

Cutting Tips

Tip No.	Size	Cutting Orifice Drill Size	Max. Cutting Thickness	Gas Consumption (SCFH)		
				Cutting Oxygen	Preheat Oxygen	Preheat Acetylene
301 021	00	68	3/16 in. (5 mm)	30	7	6
301 022	0	62	3/8 in. (10 mm)	46	7	6
301 023*	1	55	5/8 in. (16 mm)	81	9	7
301 024	2	54	1 in. (25.4 mm)	118	11	9

Welding Tips

Tip No.	Size	Drill Size	Max. Welding Thickness	Gas Consumption Each Gas (SCFH)
301 017	3	67	5/64 in. (1.9 mm)	3.2
301 018*	5	57	1/8 in. (3 mm)	6
301 019	7	54	3/16 in. (5 mm)	12

*Included with kit.

