



SILVER STAR® HEAVY DUTY CUTTING TORCHES

CUTS UP TO 12"

Silver Star cutting torches feature a lifetime warranty and solid industrial construction for hundreds of applications including construction, railroad, metal working, fabricating, shipyards, salvage and other industries. Silver brazed joints throughout. Head and butt are machined from dense brass forgings. Ball style control valves provide positive gas shut-off and superior seating characteristics. "Ease-on" cutting jet action reduces tip-clogging and keyholing in piercing operations. Silver Star torches have reversible levers with unique "over" or "under" positioning. All torches have replaceable hose connections.



WIDE RANGE OF GASES -- uses acetylene, MAPP®, natural gas, hydrogen and propane or propylene based fuels.
USE TIPS: "SC" Series Cutting Tips up to size 6, and Special Purpose Tips

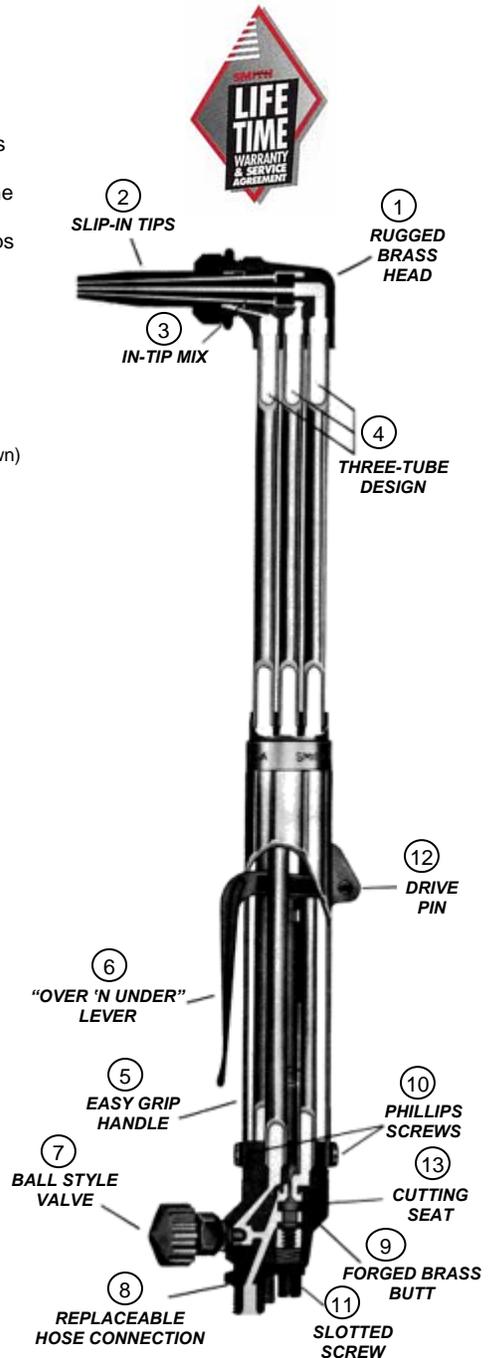
Price	Part No.	Head Angle	Length
\$365.00 EA	SC179	90°	17"
\$370.00 EA	SC229	90°	20-1/2"

Helpful Suggestions When Using Smith Straight Cutting Torches

SC179 & SC229

- Use only Smith's original high quality slip-in hand tightened cutting tips (see tip instructions).
- Gases mix only in the cutting tip. This helps prevent torch head or tube burn-out, which may be experienced in non-Smith equipment.
- A reversible oxygen cutting lever (#6) may be easily changed to a bottom or a top mount, depending upon operator preference.
 - Using a 1/8" drift punch, drive out pin holding oxygen cutting lever (#12). Lever will now be removable.
 - Remove (2 ea. #10) Phillip screws on the torch handle located by the torch valves.
 - Rotate the torch handle (tube) (#5) 180 degrees.
 - Install the oxygen cutting lever and replace the pin.
 - Replace the (2) Phillip screws.
 Handle will now be on opposite side!
- If the hose fittings (#8) become damaged, simply order new fittings from your Smith distributor and replace. There are no costly valves to replace as with non-Smith equipment.
- The oxygen lever has an ease-on feature (for easier piercing applications). **NOTE:** To produce the full volume of cutting oxygen pressure, the lever must be fully depressed.

The high pressure (oxygen) cutting seat (#13) is easily replaced by simply removing the slotted screw (#11) on the torch butt. Remove the old seat, install the new seat and replace the slotted screw.



SMITH HISTORY

Elmer Smith, the founder of Smith Inventions, Inc. established in 1916, began as a small boy inventing and improving things to make them work easier and better. In 1924, the name was changed to Smith Welding Equipment Company and modernized in 1961 to Tescom Corporation (Tescom stands for The Elmer Smith Company of Minnesota). It was also the year Elmer retired and his son, **Jack**, became the new president of the company. Jack developed his personal belief for the company, "Our future depends on our ability to make good stuff that people will want to buy from us." Under Jack, the company prospered in the 60s and 70s. Jack died in 1978.

On December 30, 1986, members of the Smith family and associated shareholders sold the company to three Tescom employees with a combined 42 years at Tescom, **Don Glesmann, Ed Cunningham and Dennis Indahl**. Indahl was named vice president/general manager of Smith Equipment. No sweeping changes were made after the purchase, but the new owners immediately reaffirmed the company's philosophy of high quality and excellent service.

Smith Equipment, Division of Tescom Corporation, was purchased September 29, 1995 by **Full Circle Investments (FCI)** of Erie, PA.

The name was officially changed to Smith Equipment Manufacturing Company. Dennis Indahl remained on as president/chief executive officer until December 1997 when he retired. Jim Bassingthwaite was named the new president of Smith Equipment. FCI invests in mid-sized industrial companies where it can provide the capital and strategic guidance to facilitate growth in sales and earnings. In announcing the purchase, **Kurt Buseck**, FCI president, stated "Smith Equipment is a perfect fit with our investment criteria. Smith has a strong management team, high quality products and a positive reputation with its customers. We hope to continue this tradition of excellence at Smith while it expands its operations, both internally and through strategic acquisitions."

Arcsmith, with **David Pierce** as president, was established as a holding company for Smith Equipment and any acquisition companies. In 1997, Welding Nozzle International (WNI) and National Torch Tip (NTT) were purchased by **Arcsmith**. In 1998, Arcsmith joined **ITW** (Illinois Tool Works) Premium Welding Components. In 1999, **OXO Equipment** became a part of the Arcsmith family. In 2001, the Arcsmith name was dissolved; Smith and OXO Equipment are now a part of ITW Premium Welding Components.

ISO 9001 Certified Quality System