

260A, 300A, 400A AND 500AMP AIR-COOLED SMOKE EXTRACTION SEMI-AUTOMATIC TORCHES



The smoke series **American Weldquip** semi-automatic torches offer unsurpassed performance not found in competitive brands. High quality materials and workmanship go into each American Weldquip torch. Designed and engineered for fewer repairs, lower maintenance costs and increased consumable life insure a lower cost of ownership.

The **American Weldquip** smoke extraction torches are available in 200, 300, 400, and 500 amp models and are designed for superior weld smoke removal. All models are air-cooled, lightweight, durable, well balanced, and flexible. They effectively remove 90% of smoke at the weld zone.

Designed around our robust air-cooled torch line the 238, 347, 407, and 507 offer some of the most desired welder appeal features. From the ergonomic handle design, rotating vacuum hose connection, and adjustable vacuum control, to the lightweight and balanced feel, the design optimizes welder comfort.

The 238, 347, 407, and 507 are designed with you and your welders in mind, to reduce your cost of ownership over other competitive smoke extraction guns on the market today.

The WELDQUIP ADVANTAGE



“HEAT SINK” Gooseneck Technology – The rugged gooseneck design effectively dissipates heat by providing a continuous metal to metal path from the nozzle to the front of the handle. The entire length of the outer jacket functions as a radiator pulling the heat from the front end consumables. The unique designs of the gooseneck, nozzle, diffuser, and contact tip function as a team to keep the front end consumables running cooler to insure longer life.

Durability – Heavy-walled armored gooseneck, flexible crush & heat resistant vacuum with 3 ft. leather from front handle, heavy duty consumables, thread on nozzles, cut, burn, abrasion resistant cable outer jacket. All are durable features that will reduce downtime and maintenance issues.

THREAD-ON NOZZLE – The heavy walled, nickel plated nozzles thread directly on the gooseneck to provide cooler operation and a longer lasting nozzle system. The course thread, fixed position design feature insures a constant tip to nozzles relationship and consistent welding parameters.

CONTACT TIPS – Heavy-duty, course threaded contact tips are designed to provide extended life and insure a superior electrical connection to the tip holder/diffuser.

COMMON CONSUMABLES– Most **American Weldquip** torches are designed to utilize the same consumables to help reduce your inventory of consumable parts.

COAXIAL POWER CABLE - Manufactured to exacting **American Weldquip** specifications, our cable assembly is made from cut resistant, burn resistant, lightweight materials. The power cable features heavy duty factory crimped cable end fittings to insure a secure, positive electrical connection, producing less electrical resistance and less heat.

DIRECT WIRE FEEDER PLUG IN – Wide variety of standard direct plug wire feeder pins allow guns to be configured for use on most wire feed systems. Euro, ESAB, Miller, Lincoln, OTC, Panasonic (to mention a few) are all possible direct connect configurations that can be ordered standard.

LINER SYSTEM – Available in a variety of sizes and configurations to fit every wire type application.

The NEW **EASY** Front Loading Liner System reduces the change out time for liner replacement. Since the liner replacement is done at the front of the torch the **EASY** liner system offers the convenience of not having to lower a boom, retract wire, or climb into an unsafe area to make a liner change.



ADJUSTABLE FUME NOZZLE

For adjustable front-end control over smoke collection area.



ADJUSTABLE VENT CONTROL

Adjustable vacuum suction/air flow volume for precise control of fume collection effects.

ERGONOMIC HANDLE DESIGN

Durable break resistant material. Offers optimum balance for less fatigue. Rotating vacuum hose connection for reduced rotational resistance designed to improve operator comfort.



NEW EASY FRONT LOADING LINER SYSTEM

Save time and cost of liner change outs. The new EASY liner system allows you to quickly change the liner from the front of the torch. Just trim the wire, remove the consumables, remove the liner, install new liner, and reinstall the consumables.



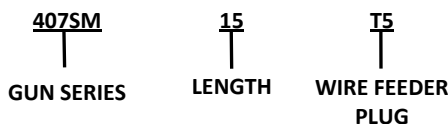
TORCH RATINGS

MODEL	AMPERAGE	100% DUTY CYCLE		60% DUTY CYCLE	
		CO ₂	Mixed Gas	CO ₂	Mixed Gas
238SM	260	260A	225A	300A	260A
347SM	300	300A	250A	325A	300A
407SM	400	400A	325A	450A	400A
507SM	500	500A	425A	575A	500A

TORCH STANDARD CONFIGURATION CHART

GUN SERIES	STD TIP SIZE	TIP PART #	DIFFUSER	NOZZLE BORE SIZE	NOZZLE PART #	STD. FEEDER CONNECTION	GOOSENECK ANGLE
238SM	.035(0.9mm)-M6	75035511	75002007	5/8"(15.9mm)	75004015	Euro	60°
347SM	.045(1.2mm)-M6	75045511	75002007	5/8"(15.9mm)	75004015	Euro	60°
407SM	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75004013	Euro	60°
507SM	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75005013	Euro	60°

HOW TO ORDER



** Specify wire size and or special configuration when ordering if not standard

WIRE FEEDER CONNECTION OPTIONS

- | | | | | | |
|--------------|------------------------|-----------|----------------------|-----------|------------------------|
| BLANK | EURO | H5 | HOBART® #5 | P | PANASONIC® |
| C | CENTURY®/POWCON® | K | KOBELCO® | T | TWECO®/HOBART® #4 |
| CL | CLOOS® | L | LINCOLN® (LN7 STYLE) | TL | LINCOLN® POWER FEED 10 |
| D | OTC®/DAIHEN® | LT | L-TEC® 225 | T5 | TWECO® #5 |
| DP | OTC®/DAIHEN® DP SERIES | M | MILLER® | W | LINCOLN® WIREMATIC |
| | | O | OXO® | | |

