AMERICAN WELDQUIP AIR-COOLED SEMI-AUTOMATIC SMOKE EXTRACTION WELDING TORCHES

300A, 400A AND 500 AMP Series

The American Weldquip smoke extraction torches are available in 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 and effectively remove 90% of smoke at the weld zone.

Designed around our robust air-cooled torch line the 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 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 American Weldquip air-cooled smoke extraction MIG welding torches can provide your welders and your company;

- Improved work environment
- Reduced operator fatigue
- Increased consumable life
- Reduced downtime
- Lower maintenance costs

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

ADJUSTABLE FUME NOZZLE
Adjustable front-end control over smoke collection area.

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.

- ☑ Captures up to 90% of weld zone smoke.
- ☑ Lightweight, flexible vacuum design hose.
- ☑ Rotating vacuum hose connection.
- ☑ Adjustable vacuum chamber and fume nozzle.
- ☑ "HEAT SINK" gooseneck, Heat Dissipation Management Technology.
- ☑ Extremely durable, heavy-walled gooseneck design.
- ☑ Long lasting, cool running consumable design.
- ☑ Heavy-duty thread-on nozzle system.
- ☑ Common consumable platform across all American Weldquip torches.
- ☑ Manufactured by American Weldquip in Wadsworth, Ohio so you are always guaranteed the quality you can trust.

TORCH RATINGS

TORCH SERIES	RATED AMPERAGE	100% DUTY CYCLE Mixed Gas CO2	100% DUTY CYCLE Mixed Gas (ArCo2)	60% DUTY CYCLE Mixed Gas CO2	60% DUTY CYCLE Mixed Gas (ArCo2)
347SM	300	300A	250A	350A	300A
407SM	400	400A	300A	450A	400A
500SM	500	500A	390A	525A	500A

STANDARD TORCH CONFIGURATIONS

TORCH SERIES	DESCRIPTION	STD. TIP SIZE	CONTACT TIP	DIFFUSER	NOZZLE BORE SIZE	NOZZLE	INSULATING WASHER	LINER	GOOSENECK ANGLE
347SM	300A Smoke Torch	.045(1.2mm)-M6	75045511	75002007	5/8"(15.9mm)	75146204-I	75001005	750XX222T	60°
407SM	400A Smoke Torch	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75146202-I	75001004	750XX228T	60°
500SM	500A Smoke Torch	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75146202-I	75001004	750XX228T	60°

HOW TO ORDER

	TORCH SERIES	LENGTH	FEEDER PIN
EXAMPLE:	407SM	15	T5

* Specify wire size and or special configuration when ordering if not standard. Consult website:www.weldquip.com, factory or AWQ Representitive for assistance with part number configuration.

WIRE FEEDER PIN OPTIONS

- **B** - EURO
- **D** - OTC®/DAIHEN®
- **DP** - OTC®/DAIHEN® DP SERIES
- **W** - LINCOLN® WIREMATIC
- **L** - LINCOLN® (LN7 STYLE)
- **LU** - LINCOLN® UNIVERSAL
- **TL** - LINCOLN® POWER FEED 10
- **K** - KOBELCO®
- **M** - MILLER®
- **P** - PANASONIC®
- **T** - TWECO® #4
- **T5** - TWECO® #5