

260A, 300A, 350A, 400A AND 500AMP AIR-COOLED SEMI-AUTOMATIC TORCHES



The CA/PG 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.

Don't be fooled by the imitators! Demand genuine **American Weldquip** products to insure you get the best Service, Quality, Solutions and performance you expect.

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.

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.

ERGONOMICALLY DESIGNED HANDLE – LIFETIME WARRANTY - Operator comfort was given top priority in designing the lightweight yet durable two-piece handle. All American Weldquip torches use the same handle.

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

TIME TESTED TRIGGER - LIFETIME WARRANTY – Our trigger assembly incorporates a light touch and proven reliable design. The simplicity of the design of this critical component insures its functional reliability. That is why we decided to offer a lifetime warranty on the switch contact components.

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. All cables have two additional trigger leads for easy field repair should one lead get damaged. For optimum performance all power cable now utilize a HYTREL® core tube for cut, bend and kink resistance and to insure the best feedability characteristics in all applications.

SPRING CABLE SUPPORT – Heavy duty but flexible spring cable supports at both the front handle and wire feeder end of the cable assembly help prevent feedability problems in extreme bending applications and relieve cable strain which results in increased power cable life.



AIR-COOLED PISTOL GRIP

For use with difficult-to-feed wires such as Aluminum and/or other specialty applications. Available in 238,307,347,407 and 507 model torches.



EXTENDED TRIGGER OPTION

For increased personal welder comfort. Manufactured from Heavy-Duty Aluminum. Ensures durability and resists breaking as compared to plastic triggers.

DUAL/MULTI-SCHEDULE OPTION

The Dual Schedule allows the operator to change between two weld schedules. The Multi-Schedule is a momentary switch and can be used to increase or decrease through numerous preset weld schedules. Both options can be used to change schedules "on the fly".



HEAT SHIELD



GOOSENECK THERMAL SPRING



GUN HANGER



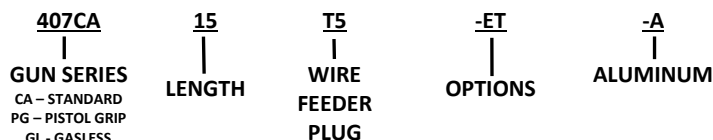
TORCH RATINGS

| MODEL | AMPERAGE | 100% DUTY CYCLE | | | | 60% DUTY CYCLE | | |
|-------------|----------|-----------------|-------------------|---------------------------------|------|-------------------|---------------------------------|--|
| | | CO2 | Mixed Gas(AG/CO2) | Pulsed/High Dep. Wire, Ar/O Mix | CO2 | Mixed Gas(AG/CO2) | Pulsed/High Dep. Wire, Ar/O Mix | |
| 238CA | 260 | 260A | 210A | 150A | 300A | 260A | 200A | |
| 347CA | 300 | 300A | 275A | 200A | 350A | 325A | 250A | |
| 354CA | 350 | 350A | 300A | 225A | 375A | 350A | 275A | |
| 407CA/454CA | 400 | 400A | 325A | 250A | 425A | 400A | 300A | |
| 500CA | 500 | 500A | 400A | 325A | 525A | 500A | 375A | |
| 507CA | 500 | 500A | 400A | 325A | 525A | 500A | 375A | |

TORCH STANDARD CONFIGURATION CHART

| GUN SERIES | DESCRIPTION | STD TIP SIZE | TIP PART # | DIFFUSER | NOZZLE BORE SIZE | NOZZLE PART # | INSULATING WASHER | LINER | GOOSENECK ANGLE |
|------------|--------------------|----------------|------------|----------|------------------|---------------|-------------------|-----------|-----------------|
| 238CA/PG | 260 Amp Air-Cooled | .035(0.9mm)-M6 | 75035511 | 75002007 | 9/16"(15.1mm) | 75135601-I | 75001003 | 750XX222T | 60° |
| 347CA/PG | 300 Amp Air-Cooled | .045(1.2mm)-M6 | 75045511 | 75002007 | 5/8"(15.9mm) | 75146204-I | 75001005 | 750XX228T | 60° |
| 354CA/PG | 350 Amp Air-Cooled | .045(1.2mm)-M8 | 75045014 | 75004033 | 5/8"(15.9mm) | 75146202 | 75001004 | 750XX228T | 60° |
| 407CA/PG | 400 Amp Air-Cooled | .045(1.2mm)-M8 | 75045014 | 75004033 | 5/8"(15.9mm) | 75146202 | 75001004 | 750XX228T | 60° |
| 454CA/PG | 400 Amp Air-Cooled | .045(1.2mm)-M8 | 75045014 | 75004033 | 5/8"(15.9mm) | 75146202 | 75001004 | 750XX228T | 60° |
| 500CA/PG | 500 Amp Air-Cooled | .045(1.2mm)-M8 | 75045014 | 75004033 | 5/8"(15.9mm) | 75157501 | 75001004 | 750XX228T | 60° |
| 507CA/PG | 500 Amp Air-Cooled | .045(1.2mm)-M8 | 75045014 | 75004033 | 5/8"(15.9mm) | 75157501 | 75001006 | 750XX228T | 60° |

HOW TO ORDER



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

OPTIONS

ET – Extended Trigger
 DS – Dual Schedule Switch
 ID – Increase/Decrease Switch
 TS – Thermal Spring
 GL – Gasless Consumables
 QC – Quick Change Gooseneck
 GUN HANGER -75000009 (Must be ordered separately)
 HEAT SHEILD – 75000030 (Must be ordered separately)

WIRE FEEDER CONNECTION OPTIONS

| | | |
|------------------------------------|---------------------------------|------------------------------------|
| B- 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 |

AMERICAN WELDQUIP

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