



DELIVERING THE ULTIMATE IN TIG WELDING PERFORMANCE

ENGINEERED AND BUILT IN THE USA BY CK WORLDWIDE:
THE STANDARD IN TIG WELDING

CK Worldwide Premium TIG Torch

Available Options:

- Flex-Loc™
- Trim-Line™
- CK230



**Exclusive Gas Saver™
Accessory Kit Included**

Textured Torch Handle

Designed for
maximum dexterity

Removable Steady-Grip™ Ergonomic Handle

Adjustable "pistol-grip" for
extreme control and stability

Leather Hose Cover

Protects hoses from dirt, grime, and
other cable-fouling issues

Ball Strain Relief

Articulating strain relief for tight angles
and to prevent cable pinching

Super-Flex™ Cables

The ORIGINAL and most flexible nylon
over-braided cables on the market

Water and Gas Hose Quick Disconnects

Quickly adjust your torch setup, or switch
machines with these water and gas quick disconnects

MADE IN THE U.S.A.



www.CKWORLDWIDE.com



AMP
230

WATER COOLED

AMP
250

USFL230

WATER COOLED
230 amp ACHF or DCSP @ 100%
2 Series Head Accessories

USFL230 | FLEX-LOC™

| HEAD STYLE | CABLE | CABLE LENGTH | SUPER-FLEX # | SPECIFICATIONS |
|---------------------------|----------------|-----------------|--------------|-------------------------------------|
| FLEX-LOC FL230 FL2L | SUPER -FLEX | 12.5 ft. (3.8m) | USFL2312SF | 8-5/8" (21.9cm) 4-3/4 oz (135gm) |
| | | 25 ft. (7.6m) | USFL2325SF | 18" longer argon & water lines |

PARTS CONSUMABLES 70 / TORCH 78 / CABLES 55 / ADAPTER/DINSE 45-47 & 50

Note: Measured from heatshield to back of handle, does not include cable or consumable/ accessory weight.



360° HEAD
ROTATION



KIT INCLUDES:

- Textured torch handle
- Steady-Grip™ ergonomic handle
- Ball strain relief
- Super-Flex™ cables
- Leather hose cover
- Gas and water hose quick disconnects
- ULT-FL accessory kit complete with Gas Saver™ parts



360° HEAD
ROTATION



USFL250

WATER COOLED
250 amp ACHF
or DCSP @ 100%
3 Series Head Accessories

USFL250 | FLEX-LOC™

| HEAD STYLE | CABLE | CABLE LENGTH | SUPER-FLEX # | SPECIFICATIONS |
|---------------------------|----------------|-----------------|--------------|-------------------------------------|
| FLEX-LOC FL250 FL3L | SUPER -FLEX | 12.5 ft. (3.8m) | USFL2512SF | 9-1/8" (23.2cm) 5-2/3 oz (160gm) |
| | | 25 ft. (7.6m) | USFL2525SF | 18" longer argon & water lines |

PARTS CONSUMABLES 71-72 / TORCH 78 / CABLES 55 / ADAPTER/DINSE 45-47 & 50

Note: Measured from heatshield to back of handle, does not include cable or consumable/ accessory weight.

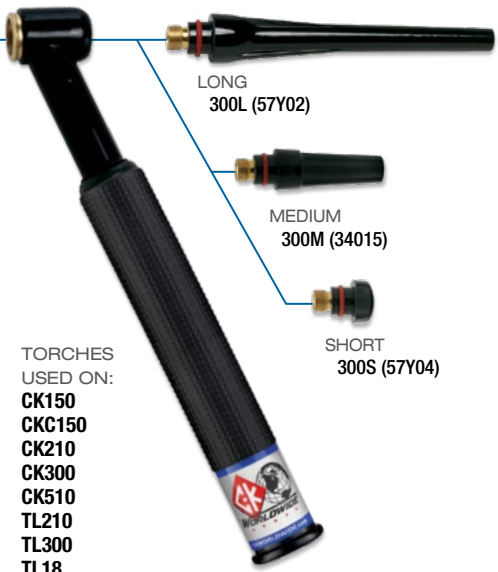
KIT INCLUDES:

- Textured torch handle
- Steady-Grip™ ergonomic handle
- Ball strain relief
- Super-Flex™ cables
- Leather hose cover
- Gas and water hose quick disconnects
- ULT-FL accessory kit complete with Gas Saver™ parts

MADE IN THE U.S.A.

3 SERIES (10N) TORCH MODELS 17, 18, 26

THREAD PATTERN: 3/8" x 32

| CUP | COLLET BODY | COLLET | HEATSHIELD | TORCH | BACKCAP |
|--|--|--|--|---|----------------|
| <p>ALUMINA</p> <p>3A4 (10N50) 3A5 (10N49) 3A6 (10N48) 3A7 (10N47)</p> <p>ALUMINA - LONG</p> <p>3A5L (10N49L) 3A6L (10N48L)</p> <p>CERAMIC</p> <p>3C4 (105Z43) 3C5 (105Z42) 3C6 (105Z44) 3C7 (105Z45)</p> <p>CERAMIC - LONG</p> <p>3C4L (12N03) 3C5L (105Z60)</p> <p>ALUMINA - GAS LENS</p> <p>3AG4 (54N18) 3AG5 (54N17) 3AG6 (54N16)</p> <p>ALUMINA LONG - GAS LENS</p> <p>OVERALL LENGTH 3" (7.6cm)</p> <p>3AG5L (54N17L) 3AG6L (54N16L) 3AG7L (54N15L) 3AG8L (54N14L)</p> <p>CERAMIC - GAS LENS</p> <p>3CG4 (54N35) 3CG5 (54N34) 3CG6 (54N33) 3CG7 (54N32) 3CG8 (54N31)</p> <p>ALUMINA - LARGE DIAMETER</p> <p>3AG6LD (57N75) 3AG8LD (57N74) 3AG10LD (53N88) 3AG11LD (53N89) 3AG12LD (53N87)</p> <p>ALUMINA LONG - LARGE DIAMETER</p> <p>OVERALL LENGTH 2.75" (6.9cm)</p> <p>3AG6LDL (57N75L) 3AG8LDL (57N74L) 3AG10LDL (53N88L) 3AG12LDL (53N87L)</p> <p>ALUMINA EXTRA LONG - LARGE DIAMETER</p> <p>OVERALL LENGTH 3.25" (8.3cm)</p> <p>3AG6LDXL (57N75XL) 3AG8LDXL (57N74XL) 3AG10LDXL (53N88XL) 3AG12LDXL (53N87XL)</p> | <p>3A8 (10N46) 3A10 (10N45) 3A12 (10N44)</p> <p>STANDARD</p> <p>3CB20 (10N29) 3CB40 (10N30) 3CB116 (10N31) 3CB332 (10N32) 3CB418 (10N28) 3CB532 (406488)</p> <p>GAS LENS</p> <p>3GL20 (45V29) 3GL40 (45V24) 3GL116 (45V25) 3GL332 (45V26) 3GL418 (45V27) 3GL532 (45V28)</p> <p>LARGE DIAMETER</p> <p>3GL116LD (45V116) 3GL332LD (45V64) 3GL418LD (995795) 3GL532LD (45V63)</p> | <p>STANDARD</p> <p>3C20 (10N21) 3C40 (10N22) 3C116 (10N23) 3C332 (10N24) 3C418 (10N25) 3C532 (54N20)</p> <p>WEDGE</p> <p>3C040GS 3C116GS 3C332GS</p> <p>3C418GS 3C532GS</p> <p>REVERSE</p> <p>7C20 7C40 7C116</p> <p>7C332 7C418 7C532</p> <p>STANDARD</p> <p>SEE ABOVE</p> <p>WEDGE</p> <p>SEE ABOVE</p> <p>REVERSE</p> <p>SEE ABOVE</p> <p>STANDARD</p> <p>SEE ABOVE</p> <p>WEDGE</p> <p>SEE ABOVE</p> <p>REVERSE</p> <p>SEE ABOVE</p> | <p>STANDARD</p> <p>300HS</p> <p>GAS LENS</p> <p>3GHS</p> <p>LARGE DIAMETER</p> <p>3GHSLD</p> |  <p>LONG 300L (57Y02)</p> <p>MEDIUM 300M (34015)</p> <p>SHORT 300S (57Y04)</p> <p>TORCHES USED ON:</p> <p>CK150 CKC150 CK210 CK300 CK510 TL210 TL300 TL18 TL26 FL3L CK17 CK18 CK26 CKM350 CWH1300* CWH350* CWM350*</p> <p>*Contact CK Worldwide for heatshield.</p> | <p>BACKCAP</p> |

TUNGSTEN ELECTRODE CONVERSION CHART


| SIZE SUFFIX | INCHES | MILLIMETERS |
|-------------|--------|-------------|
| 20 | .020" | .5mm |
| 40 | .040" | 1.0mm |
| 116 | 1/16" | 1.6mm |
| 332 | 3/32" | 2.4mm |
| 418 | 1/8" | 3.2mm |
| 532 | 5/32" | 4.0mm |
| 316 | 3/16" | 4.8mm |
| 14 | 1/4" | 6.4mm |

3C332 Size Suffix

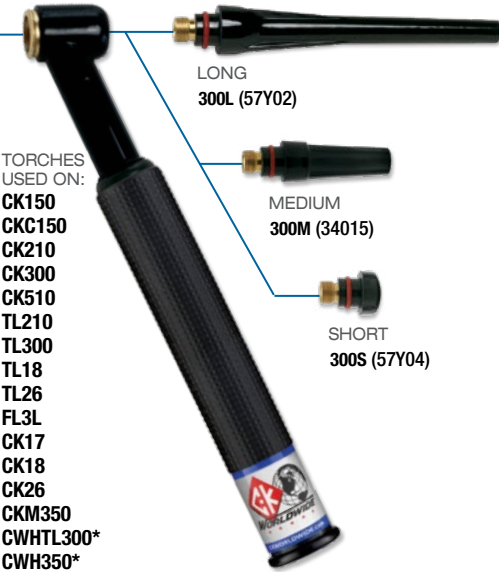
3 SERIES CONSUMABLES

ACCESSORIES & PARTS



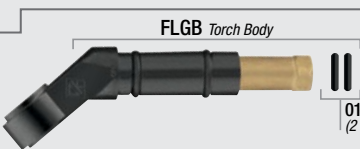
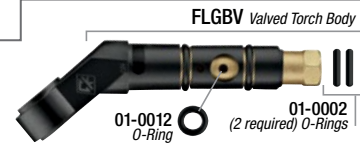
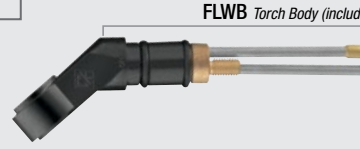
3 SERIES GAS SAVER TORCH MODELS 17, 18, 26 THREAD PATTERN: 3/8" x 32

| CUP | ADAPTER | COLLET BODY | COLLET | HEATSHIELD | TORCH | BACKCAP |
|---|---|--------------------------------------|---|--------------------------------------|---|-----------------------------------|
| <p>ALUMINA</p> <p>3A4GS 3A5GS 3A6GS 3A7GS 3A8GS</p> | <p>WITH SCREEN</p> <p>TAS040GS TAS116GS TAS332GS TAS418GS TAS532GS</p> | <p>STANDARD</p> <p>3CBGS</p> | <p>WEDGE</p> <p>3C040GS 3C116GS 3C332GS 3C418GS 3C532GS</p> | <p>STANDARD</p> <p>3HSGS</p> |  <p>TORCHES USED ON:</p> <p>CK150 CKC150 CK210 CK300 CK510 TL210 TL300 TL18 TL26 FL3L CK17 CK18 CK26 MT100* MT400* MT500 CKM350 *Contact CK Worldwide for heatshield.</p> | <p>LONG</p> <p>300L (57Y02)</p> |
| <p>CLEAR</p> <p>3P8GS</p> | <p>WITHOUT SCREEN</p> <p>TA040GS TA418GS TA116GS TA532GS TA332GS</p> | | | | | <p>MEDIUM</p> <p>300M (34015)</p> |
| <p>ALUMINA</p> <p>2A4GS 2A7GS 2A5GS 2A8GS 2A6GS</p> | <p>WITH SCREEN</p> <p>SEE ABOVE</p> | <p>SHORT</p> <p>4CBGS</p> | <p>SHORT WEDGE</p> <p>4C040GS 4C116GS 4C332GS 4C418GS 4C532GS</p> | <p>SHORT</p> <p>3HSGS</p> | | <p>SHORT</p> <p>300S (57Y04)</p> |
| <p>CLEAR</p> <p>2P8GS</p> | <p>WITHOUT SCREEN</p> <p>SEE ABOVE</p> | | | | | |
| <p>ALUMINA - GAS LENS</p> <p>2A12GSLD</p> | <p>LARGE DIAMETER WITH SCREEN</p> <p>TAS040GSLD TAS116GSLD TAS332GSLD TAS418GSLD TAS532GSLD</p> | <p>LARGE DIAMETER</p> <p>4CBGSLD</p> | <p>SHORT WEDGE</p> <p>4C040GS 4C116GS 4C332GS 4C418GS 4C532GS</p> | <p>LARGE DIAMETER</p> <p>4HSGSLD</p> | | |
| <p>ALUMINA</p> <p>4A18GSLD</p> | | | | | | |
| <p>CLEAR</p> <p>4P18GSLD</p> | | | | | | |

4 SERIES STUBBY TORCH MODELS 17, 18, 26 THREAD PATTERN: 3/8" x 32

| CUP | COLLET BODY | COLLET | HEATSHIELD | TORCH | BACKCAP | |
|--|---|--|--|-------------------------------------|---|-----------------------------------|
| <p>ALUMINA</p> <p>2A4 (13N08) 2A5 (13N09) 2A6 (13N10)</p> | <p>2A7 (13N11) 2A8 (13N12) 2A10 (13N13)</p> | <p>SHORT</p> <p>4CB20 4CB332 4CB40 4CB418 4CB116 4CB532</p> | <p>SHORT</p> <p>4C20 (10N21S) 4C40 (10N22S) 4C116 (10N23S) 4C332 (10N24S) 4C418 (10N25S) 4C532</p> | <p>STANDARD</p> <p>300HS</p> |  <p>TORCHES USED ON:</p> <p>CK150 CKC150 CK210 CK300 CK510 TL210 TL300 TL18 TL26 FL3L CK17 CK18 CK26 CKM350 CWHTL300* CWH350* CWM350* *Contact CK Worldwide for heatshield.</p> | <p>LONG</p> <p>300L (57Y02)</p> |
| <p>CERAMIC</p> <p>2C4 (13N14) 2C5 (13N15) 2C6 (13N16)</p> | <p>2C7 (13N17) 2C8 (13N18) 2C10 (13N19)</p> | | <p>SHORT WEDGE</p> <p>4C040GS 4C418GS 4C116GS 4C532GS 4C332GS</p> | | | <p>MEDIUM</p> <p>300M (34015)</p> |
| <p>CERAMIC - LONG</p> <p>2C3L (796F70) 2C4L (796F71)</p> | <p>2C5L (796F72) 2C6L (796F73)</p> | <p>REVERSE</p> <p>SEE PAGE 71</p> | | | | <p>SHORT</p> <p>300S (57Y04)</p> |
| <p>ALUMINA - GAS LENS</p> <p>2AG4 (53N58) 2AG5 (53N59) 2AG6 (53N60) 2AG7 (53N61)</p> | <p>2AG8 (53N61S) 2AG10</p> | <p>SHORT - GAS LENS</p> <p>4GL20 4GL332 4GL40 4GL418 4GL116 4GL532</p> | <p>SHORT</p> <p>SEE ABOVE</p> <p>SHORT WEDGE</p> <p>SEE ABOVE</p> <p>REVERSE</p> <p>SEE PAGE 71</p> | <p>SHORT - GAS LENS</p> <p>4GHS</p> | | |
| <p>ALUMINA LONG - GAS LENS</p> <p>2AG5L (53N59L) 2AG6L (53N60L) 2AG7L (53N61L)</p> | | | | | | |

FLEX-LOC™ TORCH REPLACEMENT PARTS

| | | | | |
|-------------------------|---|---|--|---|
| FLEX-LOCK HEAD OPTIONS | FL2L TORCH HEAD <i>Comes complete with 2GHS heatshield and 01-0009 screw with O-Ring</i> |  | FL3L TORCH HEAD <i>Comes complete with 300HS heatshield and 01-0009 screw with O-Ring</i> |  |
| | TORCHES USED ON: FL130 FL130V FL230 | 2GHS Heatshield 300R O-Ring 01-0009 (Includes O-Ring) | TORCHES USED ON: FL150 FL150V FL250 | 300HS Heatshield 300R O-Ring 01-0009 (Includes O-Ring) |
| TORCH BODY GAS COOLED | FLTBA COMPLETE BODY |  | FLGB Torch Body 01-0002 (2 required) O-Rings | HS Torch Handle |
| | FLTBAV COMPLETE BODY + VALVE |  | FLGBV Valved Torch Body 01-0012 O-Ring 01-0002 (2 required) O-Rings | FLHV 01-0013 O-Ring included FLHV2 Torch Handle |
| TORCH BODY WATER COOLED | FLTBAW COMPLETE BODY |  | FLWB Torch Body (includes O-Rings) 01-0002 (2 required) O-Rings | HS Torch Handle |

FLEX-LOC 2 SERIES MODELS FL130 & FL230

FL130 & FL130V | GAS COOLED | 130 AMP

| DESCRIPTION | ORDER # | DETAILS |
|------------------------|----------------|---|
| 2 Series Flex-Loc Head | FL2L | Complete with 2GHS & 01-0009 screw |
| Heatshield for FL2L | 2GHS | |
| Screw with O-Ring | 01-0009 | Includes 300R O-ring |
| Torch Body | FLGB | Includes two O-rings (01-0002) |
| Valved Torch Body | FLGBV | |
| Torch Handle | HS | For non-valved torch |
| Valved Torch Handle | FLHV2 | For valved torch |
| Complete Body | FLTBA | Includes body, handle, and O-rings |
| Complete Valve Body | FLTBAV | Includes body, valve, handle, & O-rings |

FL230 | WATER COOLED | 230 AMP

| DESCRIPTION | ORDER # | DETAILS |
|------------------------|----------------|------------------------------------|
| 2 Series Flex-Loc Head | FL2L | Complete with 2GHS & 01-0009 screw |
| Heatshield for FL2L | 2GHS | |
| Screw with O-Ring | 01-0009 | Includes 300R O-ring |
| Torch Body | FLWB | Includes two O-rings (01-0002) |
| Torch Handle | HS | |
| Complete Body | FLTBAW | Includes body, handle, and O-rings |

FLEX-LOC 3 SERIES MODELS FL150 & FL250

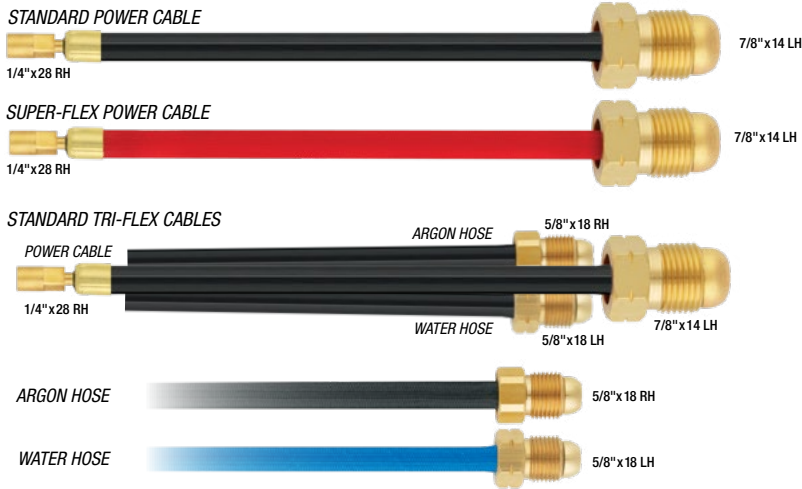
FL150 & FL150V | GAS COOLED | 150 AMP

| DESCRIPTION | ORDER # | DETAILS |
|------------------------|----------------|---|
| 3 Series Flex-Loc Head | FL3L | Complete with 300HS & 01-0009 screw |
| Heatshield for FL3L | 300HS | |
| Screw with O-Ring | 01-0009 | Includes 300R O-ring |
| Torch Body | FLGB | Includes two O-rings (01-0002) |
| Valved Torch Body | FLGBV | |
| Torch Handle | HS | For non-valved torch |
| Valved Torch Handle | FLHV2 | For valved torch |
| Complete Body | FLTBA | Includes body, handle, and O-rings |
| Complete Valve Body | FLTBAV | Includes body, valve, handle, & O-rings |

FL250 | WATER COOLED | 250 AMP

| DESCRIPTION | ORDER # | DETAILS |
|------------------------|----------------|-------------------------------------|
| 3 Series Flex-Loc Head | FL3L | Complete with 300HS & 01-0009 screw |
| Heatshield for FL3L | 300HS | |
| Screw with O-Ring | 01-0009 | Includes 300R O-ring |
| Torch Body | FLWB | Includes two O-rings (01-0002) |
| Torch Handle | HS | |
| Complete Body | FLTBAW | Includes body, handle, and O-rings |

CK20, CK24W, CK25, CK180, CK200, CKT200, CKM200, MRI40 WATER COOLED



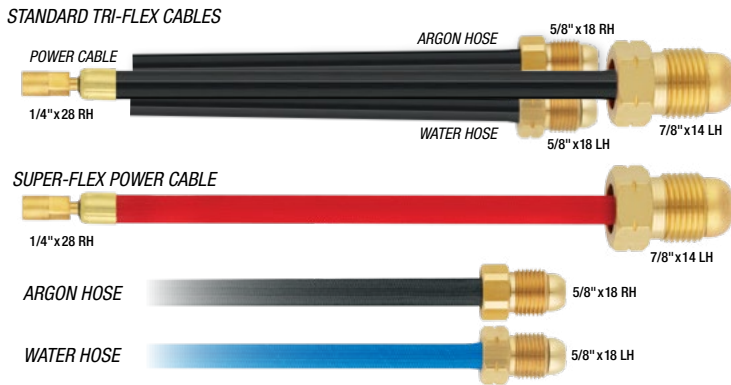
| LENGTH | STANDARD | SUPER-FLEX |
|-------------------|----------------------|--------------------------|
| | POWER CABLE | POWER CABLE |
| 12-1/2 ft. (3.8m) | 212PC (45V03) | 212PCSF (45V03SF) |
| 25 ft. (7.6m) | 225PC (45V04) | 225PCSF (45V04SF) |

| LENGTH | TRI-FLEX CABLES | 3-PIECE ASSEMBLY |
|---------------|-------------------|------------------|
| | 12-1/2 ft. (3.8m) | 212TF |
| 25 ft. (7.6m) | 225TF | 225SF |

| LENGTH | WATER HOSE | WATER HOSE |
|---------------|----------------------|--------------------------|
| | 12-1/2 ft. (3.8m) | 212WH (45V07) |
| 25 ft. (7.6m) | 225WH (45V08) | 225WHSF (45V08SF) |

| LENGTH | ARGON HOSE | ARGON HOSE |
|---------------|----------------------|--------------------------|
| | 12-1/2 ft. (3.8m) | 212AH (45V09) |
| 25 ft. (7.6m) | 225AH (45V10) | 225AHSF (45V10SF) |

FL230, FL250 WATER COOLED



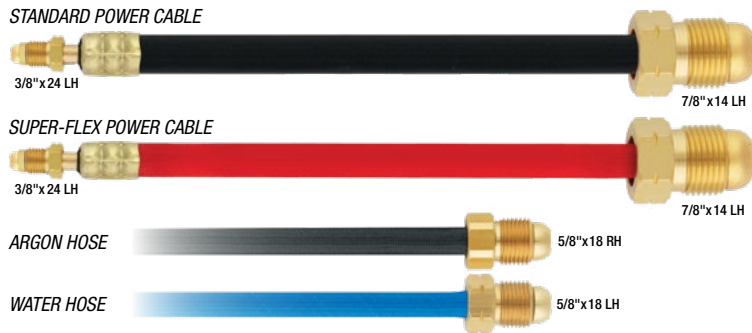
| LENGTH | STANDARD | SUPER-FLEX |
|-------------------|-----------------|------------------|
| | TRI-FLEX CABLES | 3-PIECE ASSEMBLY |
| 12-1/2 ft. (3.8m) | 212TF | 212SF |
| 25 ft. (7.6m) | 225TF | 225SF |

| LENGTH | POWER CABLE | POWER CABLE |
|---------------|-------------------|----------------|
| | 12-1/2 ft. (3.8m) | 212PC |
| 25 ft. (7.6m) | 225PC | 225PCSF |

| LENGTH | WATER HOSE | WATER HOSE |
|---------------|-------------------|----------------|
| | 12-1/2 ft. (3.8m) | 212WH |
| 25 ft. (7.6m) | 225WH | 225WHSF |

| LENGTH | ARGON HOSE | ARGON HOSE |
|---------------|-------------------|----------------|
| | 12-1/2 ft. (3.8m) | 212AH |
| 25 ft. (7.6m) | 225AH | 225AHSF |

CK350, CK510 WATER COOLED



| LENGTH | STANDARD | SUPER-FLEX |
|-------------------|--------------|----------------|
| | POWER CABLE | POWER CABLE |
| 12-1/2 ft. (3.8m) | 512PC | 512PCSF |
| 25 ft. (7.6m) | 525PC | 525PCSF |

| LENGTH | WATER HOSE | WATER HOSE |
|---------------|-------------------|----------------|
| | 12-1/2 ft. (3.8m) | 312AH |
| 25 ft. (7.6m) | 325AH | 325AHSF |

| LENGTH | ARGON HOSE | ARGON HOSE |
|---------------|-------------------|----------------|
| | 12-1/2 ft. (3.8m) | 312WH |
| 25 ft. (7.6m) | 325WH | 325WHSF |