



**V****SERIES**<sup>™</sup>  
The Harris Products Group



A LINCOLN ELECTRIC COMPANY

Turn to the  
HARRIS V-SERIES  
IRONWORKER<sup>®</sup> OUTFITS

# Pros



# IRONWORKER® OUTFIT SERIES

THE HARRIS “V” SERIES PRODUCTS ALLOW USERS OF VICTOR® STYLE CUTTING TORCHES, HANDLES, CUTTING ATTACHMENTS, MIXERS AND TIPS TO CONVERT TO AND ENJOY THE BENEFITS OF GENUINE HARRIS DESIGNED GAS APPARATUS.

**IRONWORKER® V SERIES  
COMBINATION  
ALL FUELS/ ACETYLENE  
MODEL**

## MEDIUM DUTY ACETYLENE OUTFITS

MODEL SHOWN:  
VH10C-801-510 DLX

### DESCRIPTION

The Harris VMD medium duty welding and cutting outfit features the new Model 801 regulators, VH10 combination torch handle and VH13 cutting attachment. The Model 801 regulators include one-piece encapsulated seats for longer service life, and a 7 year warranty. The Model VH10 torch handle features a tube within a tube construction. It is equipped with FlashGuard® check valves. The Model VH13 cutting attachment features an all gas in-tube mixer which allows for easy maintenance.

### DETAILS

**Capacity:** Cuts up to 4”/ 101.6 mm plate with optional tips, welds to ½”/ 12.7 mm plate with optional tips

**Duty:** Medium

**Regulator Seat:** One-piece encapsulated seat design with internal filter and PTFE Teflon® seat

**Mixer Type:** Equal pressure

**Torch Equipped With:** FlashGuard® Check Valves

**Warranty:** 7 years - Regulator Warranty

1 year - all other components

1 year - All other components



PART #	MODEL #	TORCH HANDLE	MIXER	CUTTING TIP	CUTTING ATTACHMENT	WELDING/ BRAZING TIPS	REGULATORS		ACCESSORIES	WEIGHT
							OXYGEN	FUEL		
4400372	VH10C801-510 DLX	VH10	V-W-1	1-V3-101	VH13	23A90-5	801-145-540	801-15-510	<ul style="list-style-type: none"> <li>Goggles</li> <li>Striker</li> <li>20' x ¼" Hose</li> <li>Insulated tool bag</li> </ul>	12.9 lbs. / 5.7 kg.
4400375	VH10C801-300 DLX	VH10	V-W-1	1-V3-101	VH13	23A90-5	801-145-540	801-15-300	<ul style="list-style-type: none"> <li>Goggles</li> <li>Striker</li> <li>20' x ¼" Hose</li> <li>Insulated tool bag</li> </ul>	12.9 lbs. / 5.7 kg.

**IRONWORKER® V SERIES  
COMBINATION  
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MODEL**

**HEAVY DUTY ACETYLENE OUTFITS**

**MODEL SHOWN:  
VH31-25GX-510 DLX**

**DESCRIPTION**

The Harris VHD heavy duty welding and cutting outfit features Harris' most popular V-Series regulators, combination torch handle and cutting attachment. The Model 25GX regulators include large, easy-to-read, 2 1/2" dual gauges, an ergonomic adjusting knob for precise pressure adjustments, one-piece encapsulated seats for longer service life, and a 7 year warranty. The Model VH13 handle features a tube within a tube construction for high gas volume applications. It is equipped with FlashGuard® check valves. The Model VH24 cutting attachment features an all gas in-tube mixer for easy maintenance.

**DETAILS**

**Capacity:** Cuts up to 8" / 203.2 mm plate with optional tips, welds to 1/2" / 12.7 mm plate with optional tips

**Duty:** Heavy

**Regulator Seat:** One-piece encapsulated seat design with internal filter and PTFE Teflon® seat

**Mixer Type:** Equal pressure

**Torch equipped with:** FlashGuard® Check Valves

**Warranty:** 7 years - Regulator  
1 year - All other components



PART #	MODEL #	TORCH HANDLE	MIXER	CUTTING TIP	CUTTING ATTACHMENT	WELDING/ BRAZING TIPS	REGULATORS		ACCESSORIES	WEIGHT
							OXYGEN	FUEL		
4400373	VH31-25GX-510 DLX	VH13	V-W	V1-101-1	VH24	23A90-5	25GX-145-540	25GX-15-510	<ul style="list-style-type: none"> <li>Goggles</li> <li>Striker</li> <li>20' x 1/4" Hose</li> <li>Insulated tool bag</li> </ul>	16.6 lbs. / 7.4 kg.
4400376	VH31-25GX-300 DLX	VH13	V-W	V1-101-1	VH24	23A90-5	25GX-145-540	25GX-15-300	<ul style="list-style-type: none"> <li>Goggles</li> <li>Striker</li> <li>20' x 1/4" Hose</li> <li>Insulated tool bag</li> </ul>	16.6 lbs. / 7.4 kg.

**EXTRA HEAVY DUTY ACETYLENE OUTFITS**

**MODEL SHOWN:  
VH31-450-510 DLX**

**DESCRIPTION**

The Harris VXT is an extra-heavy duty V-Series welding and cutting outfit that includes Model 450 regulators, Model VH31 combination torch handle and VH24 cutting attachment. The industrial duty Model 450 regulator has many of the premium features found only in high priced regulators. Its stainless steel diaphragm and Harris' exclusive tamper-proof, self-seating safety relief device, makes it stand out for heavy duty welding applications. The Model VH31 handle features a tube within a tube construction for high gas volume applications. It is equipped with FlashGuard® check valves. The Model VH24 cutting attachment features an all gas in-tube mixer for easy maintenance.

**DETAILS**

**Capacity:** Cuts up to 8" / 203.2 mm plate with optional tips, welds to 1/2" / 12.7 mm plate with optional tips

**Duty:** Extra-heavy

**Regulator Seat:** One-piece encapsulated seat design with internal filter and PTFE Teflon® seat

**Mixer Type:** Equal pressure

**Torch equipped with:** FlashGuard® Check Valves

**Warranty:** 7 years - Regulator  
1 year - All other components



PART #	MODEL #	TORCH HANDLE	MIXER	CUTTING TIP	CUTTING ATTACHMENT	WELDING/ BRAZING TIPS	REGULATORS		ACCESSORIES	WEIGHT
							OXYGEN	FUEL		
4400374	VH31-450-510 DLX	VH31	V-W	V1-101-1	VH24	23A90-5	450-125-540	450-15-510	<ul style="list-style-type: none"> <li>Goggles</li> <li>Striker</li> <li>20' x 1/4" Hose</li> <li>Insulated tool bag</li> </ul>	18.9 lbs. / 8.4 kg.
4400377	VH31-450-300 DLX	VH31	V-W	V1-101-1	VH24	23A90-5	450-125-540	450-15-300	<ul style="list-style-type: none"> <li>Goggles</li> <li>Striker</li> <li>20' x 1/4" Hose</li> <li>Insulated tool bag</li> </ul>	18.9 lbs. / 8.4 kg.



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Orders: 1.800.733.4043

# 801

MODEL



## COMPACT GENERAL PURPOSE

MODEL SHOWN:  
801-145-540

### DESCRIPTION

The model 801 is designed to be a medium duty regulator, perfect for most industrial cutting and welding applications. It features 2" gauges that are easy to read and an ergonomic adjusting knob for precise operation and a longer service life.

### DETAILS

**Capacity:** Medium duty

**C<sub>v</sub>:** 0.17

**Gauges:** 2" Steel dual scale

**Seat:** One-piece encapsulated seat design with internal filter and PTFE Teflon® Seat

**Body:** Brass

**Featured In:** Ironworker HMD & VMD series outfits

**Certifications:** CGA E-4

**Where Used:** Industrial cutting and welding applications

**Weight:** 2.32 lbs. / 1.05 kg.



PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG	INLET CONNECTION	OUTLET CONNECTION
3002195	801-15-300	ACETYLENE	500	0 - 15	30 RZ	400	CGA 300	9/16" - 18 LH
3002193	801-15-510	ACETYLENE	500	0 - 15	30 RZ	400	CGA 510	9/16" - 18 LH
3002194	801-145-540	OXYGEN	3000	0 - 125	150	4000	CGA 540	9/16" - 18 RH

# 25GX

MODEL



## BEST VALUE

MODEL SHOWN:  
25GX-145-540

### DESCRIPTION

The 25GX is designed to be the next generation workhorse of the Harris industrial regulator line. It features larger, easier to read gauges and an ergonomic adjusting knob that also shields the adjusting mechanism from contaminants and provides for greater control and reliability.

### DETAILS

**Capacity:** Medium to heavy duty

**C<sub>v</sub>:** 0.17

**Gauges:** 2.5" Steel dual scale

**Pressure Regulation:** 0.2 PSIG/100 PSIG

**Seat:** One-piece encapsulated seat design with internal filter and PTFE Teflon® seat

**Certification:** CGA E-4

**Featured In:** Steelworker® Classic, HDD and VHD, Ironworker VMD outfits

**Weight:** 2.9 lbs./1.32 kg.

**Related Equipment:**

Steel gauge guards

Green (Oxygen) P/N: 4300239

Red (Fuel) P/N: 4300238



PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG	INLET CONNECTION	OUTLET CONNECTION
3000350	25GX-15-300	ACETYLENE	500	0 - 15	30 RZ	400	CGA 300	9/16" - 18 LH
3000380	25GX-15-510	ACETYLENE	500	0 - 15	30 RZ	400	CGA 510	9/16" - 18 LH
3000450	25GX-50-510P	PROPANE*	500	0 - 50	60	400	CGA 510P	9/16" - 18 LH
3000485	25GX-15-510P	PROPANE*	500	0 - 15	60	400	CGA 510P	9/16" - 18 LH
3000510	25GX-145-540	OXYGEN	3000	0 - 145	200	4000	CGA 540	9/16" - 18 RH
3000540	25GX-145-580	Ar, He, N <sub>2</sub>	3000	0 - 145	200	4000	CGA 580	9/16" - 18 RH **
3000550	25GX-145-590	INDUS. AIR	3000	0 - 145	200	4000	CGA 590	1/4" - NPT (M)
3000806	25GX-200-580	Ar, He, N <sub>2</sub>	3000	0 - 200	400	4000	CGA 580	9/16" - 18 RH **

\*Regulators designed for propane service can be used with any other LPG fuel. NOT FOR USE WITH ACETYLENE.

\*\*Supplied with 9/16"-18 adaptor P/N: 9000002

# 450

MODEL



## STAINLESS STEEL DIAPHRAGM

MODEL SHOWN:  
450-125-540

### DESCRIPTION

The Model 450 is heavy duty and designed for professionals for use in the toughest environments and demanding applications. The 450 is equipped with easy to read 2 1/2" gauges, has a stainless steel diaphragm and a Harris exclusive internal tamper-proof self-seating safety.

### DETAILS

**Capacity:** Heavy duty

**C<sub>v</sub>:** 0.17

**Gauges:** 2.5" brass

**Pressure Regulation:**  
0.3 PSIG/100 PSIG

**Seat:** One-piece encapsulated seat design with internal filter and PTFE Teflon® seat

**Featured In:** Steelworker® Classic & HXT and VXT, Ironworker VXT outfit

**Certifications:** CGA E-4

**Weight:** 4.6 lbs./2.09 kg.



PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG	INLET CONNECTION	OUTLET CONNECTION
3002493	450-15-300	ACETYLENE	500	0 - 15	30RZ	400	CGA 300	1/16" - 18 LH
3002494	450-15-510	ACETYLENE	500	0 - 15	30RZ	400	CGA 510	1/16" - 18 LH
3002495	450-50-510P	PROPANE	500	0 - 50	100	400	CGA 510P	1/16" - 18 LH
3002496	450-50-540	OXYGEN	3000	0 - 50	100	4000	CGA 540	1/16" - 18 RH
3002497	450-125-540	OXYGEN	3000	0 - 125	200	4000	CGA 540	1/16" - 18 RH
3002499	450-200-540	OXYGEN	3000	0 - 200	400	4000	CGA 540	1/16" - 18 RH
3002498	450-125-580	AR, HE, N <sub>2</sub>	3000	0 - 125	200	4000	CGA 580	5/8" - 18 RH

\*Regulator designed specifically for propane service can be used with any of the other welding grade liquid petroleum gases. NOT FOR USE WITH ACETYLENE.

# VH13

MODEL



## VICTOR® COMPATIBLE CUTTING ATTACHMENT

MODEL SHOWN:  
VH13

### DESCRIPTION

The Model VH13 is a Victor® compatible medium duty cutting attachment. It is equipped with a durable stainless steel lever, an in-tube mixer, and threaded connections for easy repair.

### DETAILS

**Capacity:** Cuts to 4" / 101.6 mm

**Duty:** Medium

**Length:** 8" / 203.2mm

**Weight:** .896 lbs./0.41 kg.

**Mixer Type:** Equal pressure

**Where Used:** Construction, maintenance, agriculture

Featured in Ironworker® VMD V-SERIES® outfits



PART NO.	MODEL NO.	HEAD ANGLE	COMPATIBLE HANDLES	TIP STYLES	
				ACETYLENE / H <sub>2</sub>	ALTERNATE* FUEL
1300048	VH13	90°	VH10	V3-101	3-GPN, 3-GPP

\*Propylene or propane-based fuels and natural gas.



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# VH24

MODEL

1YR  
WARRANTY

## VICTOR® COMPATIBLE HD CUTTING ATTACHMENT

MODEL SHOWN:  
VH24

### DESCRIPTION

The Model VH24 is a Victor® compatible heavy duty cutting attachment. It is equipped with a durable stainless steel lever, an in-tube mixer, and threaded connections for easy repair.

### DETAILS

**Capacity:** Cuts to 8" / 203.2mm

**Duty:** Heavy

**Length:** 12 1/8" / 307.9mm

**Weight:** 2.41 lbs/ 1.09 kg.

**Mixer Type:** Equal pressure

**Where Used:** Heavy fabrication, construction, ship building, pipeline connection

*Featured in Ironworker®  
V SERIES® outfits*



### TIP STYLES

PART #	Model #	HEAD ANGLE	COMPATIBLE HANDLES	ACET/H <sub>2</sub>	ALTERNATE* FUEL
1300452	VH24	90°	VH31	V-101, V-101AC	1-GPN, GPP

\*Propylene or propane-based fuels and natural gas.

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(P/N: 9505629) [WWW.HARRISPRODUCTSGROUP.COM](http://WWW.HARRISPRODUCTSGROUP.COM)

# VH10

MODEL

**1YR**  
WARRANTY

## VICTOR® COMPATIBLE COMBINATION HANDLE

MODEL SHOWN:  
VH10

### DESCRIPTION

The Model VH10 is a Victor® compatible combination handle for welding, brazing, heating and cutting. It is a medium duty handle compatible with all fuel gases. It has a tube within a tube construction, with threaded connections and o-ring seals. The VH10 is equipped with easy to replace Harris Flash-Guard®

### DETAILS

**Capacity:**

Welds to 1/2"/12.7mm; cuts to 5"/127.0mm

**Length:** 8 3/4"/222.2 mm







**Weight:** 1 lb./0.45 kg.

**Equipped with:** FlashGuard® check valves

*Featured in Ironworker®*

*V SERIES® VMD outfits*



WELDING/BRAZING/HEATING		MIXERS	TIP TUBE	WELDING/BRAZING TIP STYLE		HEATING TIP STYLE	
PART #	MODEL #	COMPATIBLE MIXER(S)	COMPATIBLE TIP TUBE(S)	ACET/H <sub>2</sub> (SIZE)	ALT. FUEL (SIZE)	ACET/H <sub>2</sub>	ALT. FUEL
		 V-W-1	 8593	 23A90	 1390-N	 J-63-1	 1390-B
1400424	VH10	V-W-1 V-W-1	— 8593	23A90 (0-10) 1390 (0-10)	— 1390-N (4-10)	J-63 (1 & 2) 1390 (HA)	— 1390 (B&H)

Example of Heating Combination: VH10 + V-W-1 + J-63

CUTTING			
PART #	MODEL #	COMPATIBLE CUTTING ATTACHMENT	CUTTING TIP STYLE
		 V-1350	 V3-101
1400424	VH10	VH13	V3-101, 3-GPN, 3-GPP

Example of Cutting Combination: VH10 + VH13 + V3-101



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# VH31

MODEL

1YR  
WARRANTY

## VICTOR® COMPATIBLE COMBINATION HANDLE

MODEL SHOWN:  
VH31

### DESCRIPTION

The model VH31 is a Victor® compatible heavy duty combination handle for welding, brazing, heating and cutting. It is designed to offer higher flow allowing the use of larger tips. The handle is designed with a tube within a tube construction and is o-ring sealed for greater strength and higher capacity. Also features visible, easily replaceable, high capacity external flashback arrestors.

### DETAILS

**Capacity:**

Welds to 1/2" / 12.7mm; cuts to 8" / 203.2mm

**Length:** 11" / 279.4mm

**Weight:** 1.91 lbs. / 0.86 kg.







**Hose Connection:**

9/16-18 "B" FITTING





Featured in Ironworker® V SERIES® VHD and VXT kits

All VH31 handles include model 88-5N FBTL&R flashback arrestors installed.

WELDING/BRAZING/HEATING		MIXERS	TIP TUBE	WELDING/BRAZING TIP STYLE		HEATING TIP STYLE	
PART #	Model #	COMPATIBLE MIXER(S)	COMPATIBLE TIP TUBE(S)	ACET/H <sub>2</sub> (SIZE)	ALT. FUEL (SIZE)	ACET/H <sub>2</sub>	ALT. FUEL
		 V-W	 8593	 23A90	 1390-N	 J-63-1	 1390-B
1400422	VH31	V-W	8593	23A90 (0-10)	1390-N (2-80N)	J-63 (1-2)	1390 (H, 3H, B)

Example of Heating Combination: VH31 + V-W + 23A90-3

\*For suggestions on how to use tips of higher capacity, contact Harris tech service

CUTTING			
PART #	Model #	COMPATIBLE CUTTING ATTACHMENT (PG. 77)	CUTTING TIP STYLE (PG. 109)
		 VH24	 V1-101
1400422	VH31	VH24	V-101, V-101AC

Example of Cutting Combination: VH31+VH24+ V1-101



# V1-101

MODEL

1YR  
WARRANTY

## GENERAL PREHEAT SINGLE PIECE "V" SERIES HAND CUTTING TIP

MODEL SHOWN:  
V1-101

### DESCRIPTION

A single piece acetylene hand cutting tip for relatively clean steel. The V1-101 is compatible with V-Series and Victor® style torches.

### DETAILS

**Construction:** One-piece

**Preheat Type:** General

**Where Used:** Metal fabrication, shipbuilding

**Compatible Equipment:**

C9 Tip cleaner P/N: 9000156



PART #	TIP SIZE	DEPTH OF CUT	OPERATING PRESSURES		DRILL CUT SIZE
			OXYGEN PSIG	ACETYLENE PSIG	
1502088	000	LIGHT GAUGE to 1/8"	20-30	5	#70
1502089	00	1/8" - 5/16"	20-30	5	#69
1502090	0	5/16" - 5/8"	30-40	7	#61
1502091	1	5/8" - 1"	40-50	7	#56
1502092	2	1" - 2"	45-55	8	#53
1502093	3	2" - 3"	50-60	9	#50
1502094	4	3" - 4"	60-75	10	#46
1502095	5	4" - 6"	70-80	11	#39
1502096	6	6"	75-80	12	#31

\*For best performance use 3/8" I.D. hose for tip sizes 6 and larger

# V1-101AC

MODEL

1YR  
WARRANTY

## HEAVY PREHEAT TWO PIECE "V" SERIES HAND CUTTING TIP

MODEL SHOWN:  
V1-101AC

### DESCRIPTION

A two piece acetylene hand cutting tip for scaled, painted or rusted plate. The V1-101AC is compatible with V-Series and Victor® style torches.

### DETAILS

**Construction:** Two piece

**Preheat Type:** Heavy

**Where Used:** Construction, demolition maintenance

**Compatible Equipment:**

E-9 Tip cleaner

P/N: 9000160



PART #	TIP SIZE #	DEPTH OF CUT	OPERATING PRESSURES		DRILL CUT SIZE
			OXYGEN PSIG	ACETYLENE PSIG	
1502069	000	LIGHT GAUGE to 1/8"	20-25	3-5	#.031
1502070	00	1/8" - 1/4"	20-25	3-5	#.036
1502071	0	1/4" - 1/2"	25-35	7	#.040
1502072	1	1/2" - 3/4"	30-35	3-5	#.046
1502073	2	3/4" - 1 1/2"	35-45	3-7	#.059
1502074	3	1 1/2" - 2 1/2"	40-50	4-10	#.067
1502075	4	2 1/2" - 3"	40-50	5-10	#.093
1502076	5	3" - 5"	45-55	5-13	#.110
1502077	6*	5" - 8"	45-55	7-14	#.120

\*For best performance use 3/8" I.D. hose for tip sizes 6 and larger



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Orders: 1.800.733.4043

# V-W-1

MODEL

1YR  
WARRANTY

## MEDIUM DUTY EQUAL PRESSURE

MODEL SHOWN:  
V-W-1

### DESCRIPTION

The Model V-W-1 is a V-Series "E" equal or positive pressure mixer for welding, brazing and heating with all fuel gases.

### DETAILS

**Capacity:**

Welding: 1/2"/12.7mm  
Heating: 100,000 BTU

**Duty:** Medium

**Thread size:** Mixer to tip or tube - 23/64" - 26

**Where Used:** Metal fabrication, maintenance, etc.

*Featured in Ironworker®  
V SERIES® VMD outfits*



PART #	MODEL #	COMPATIBLE HANDLE(S)*	TIP TUBE MODEL NO.	ACETYLENE BRAZING/WELDING TIPS (SIZES)	ALTERNATE FUEL BRAZING TIPS (SIZES)	ACETYLENE HEATING TIPS (SIZES)	ALTERNATE FUEL HEATING TIP (SIZES)
9105213	V-W-1	VH10	-	23A90 (0-10)	-	J-63 (1 or 2)	-
		VH10	8593	1390 (0-10)	1390-N (2-10)	-	1390 (B&H)

\*The V-W-1 is also compatible with Victor® 100C handles.

# V-W

MODEL

1YR  
WARRANTY

## HEAVY DUTY EQUAL PRESSURE

MODEL SHOWN:  
V-W

### DESCRIPTION

The Model V-W is a "V" Series "E" or positive pressure mixer for welding, brazing or light\*\* heating. It is for use with all fuel gases. The V-W is for use with all fuel gases.

### DETAILS

**Capacity:**

Welding: 1/2"/12.7mm;  
Heating: 100,000 BTU

**Thread size:** Mix to tip or tube 23/64" - 26

**Certification:** UL® listed

**Where Used:** Metal fabrication, maintenance, etc.

*Featured in Ironworker® V SERIES®  
VHD and VXT outfits*



PART #	MODEL #	COMPATIBLE HANDLE(S)*	TIP TUBE MODEL NO.	ACETYLENE BRAZING/WELDING TIPS (SIZES)	ALTERNATE FUEL BRAZING TIPS (SIZES)	ACETYLENE HEATING TIPS (SIZES)	ALTERNATE FUEL HEATING TIP (SIZES)
9105214	V-W	VH31	-	23A90 (0-10)	-	J-63-1 & 2	-
		VH31	8593	1390 (0-10)	1390-N (2-10)	1390-HA	1390-(B&H)

\*The V-W is also compatible with Victor® 315C Series handles.

\*\*For suggestions on how to select higher capacity welding and or heating equipment contact Harris Tech Service.

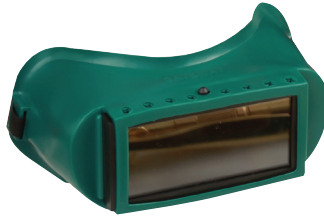
## ACCESSORIES

### COOLER BAG



Cooler bag  
MODEL SHOWN:  
P/N: 8855094

### GOGGLE



Goggle, GRN / #5 lens  
MODEL SHOWN:  
P/N: 4304482

### TIP CLEANER



C-9 Standard tip cleaner  
MODEL SHOWN:  
P/N: 9000156

C-9 Standard tip cleaner  
Suggested for welding and brazing tips as well as single piece cutting tips.

### FLINTS



Flints, box 26-L  
MODEL SHOWN:  
P/N: 9004484

### WELD HOSE



20' x 1/4" Twin grade "R" hose  
MODEL SHOWN:  
P/N: 4300498

### TIP CLEANER



E-9 Two-piece tip cleaner  
MODEL SHOWN:  
P/N: 9000160

Suggested for two piece cutting tips

### IGNITER



Igniter, #26  
MODEL SHOWN:  
P/N: 9004486

### FLASHBACK ARRESTOR



Oxygen 88-5N FBTR  
MODEL SHOWN:  
P/N: 4301628

Fuel 88-5N FBTL  
MODEL SHOWN:  
P/N: 4301629

Included w/ Harris VH-31 heavy duty torch handle

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