

WELDING AND CUTTING EQUIPMENT

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WELDING & CUTTING EQUIPMENT



WELDING AND CUTTING EQUIPMENT

Heavy/Medium duty equipment for the roughest and toughest welding and cutting applications. construction, bridge building, ship building, railroading, mining and farming applications. Keeping the highest standard of quality during long hours of flowless performance.

Oxy-Acetylene

Heavy duty **SILVER STAR®** SMITH'S® welding and cutting outfit with cutting torch and welding handle.

PN# 4074 EQP 48-3-SI2.1
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)



2 Years Warranty

Cutting Capacity

Up to 10" (254 mm)

Welding

Up to 1/2" (13 mm)

Oxy-Acetylene

Heavy duty **SILVER STAR®** SMITH'S® hand cutting torch outfit.

PN# 4521 EQP 49-2-C2.1
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510))



2 Years Warranty

Cutting Capacity

Up to 14" (356 mm)

Oxy-Butane

Heavy duty **SILVER STAR®** SMITH'S® hand cutting torch cutting outfit.

PN# 4522 EQP 49-2B-C2.1
Oxygen Conn: (CGA-540)
Fuel Conn: (CGA-510)*
*Fuel regulator has stainless steel diaphragm



2 Years Warranty

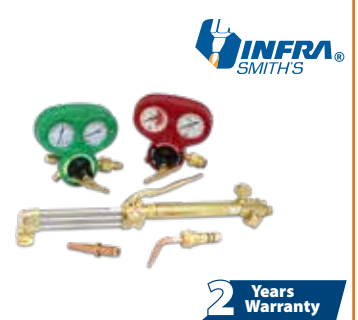
Cutting Capacity

Up to 14" (356 mm)

Oxy-Acetylene

Heavy duty **SMITH'S®** welding and cutting outfit with cutting torch and welding handle.

PN# 44713 EQP 51-3-SM
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510))



2 Years Warranty

Cutting Capacity

Up to 8" (254 mm)

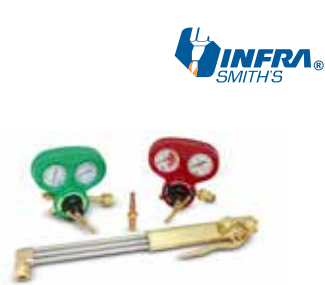
Welding

Up to 3/8" (9.5 mm)

Oxy-Acetylene

Heavy duty **SMITH'S®** hand cutting torch outfit.

PN# 4023 EQP 51-3C-SM
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)



Oxy-Butane

PN# 4052 EQP 51-2C-SM
Oxygen Conn: (CGA-540)
Fuel Conn: (CGA-510)

2 Years Warranty

Cutting Capacity

Up to 12" (305 mm)

Welding

Up to 3/8" (13 mm)

Oxy-Acetylene

Medium duty **SMITH'S®** welding and cutting outfit.

PN# 44714 EQP 85-SX-SC1
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)

1 Year Warranty



Cutting Capacity

Up to 4" (102 mm)

Welding

Up to 3/8" (9.5 mm)

Oxy-Acetylene

Heavy duty DINAMIC®
V-style welding and cutting
outfit with cutting torch
and welding handle.

PN# 4054 EQP PL-006-V
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)

Power Line *



1 Year Warranty

Cutting Capacity

Up to 6" (152 mm)

Welding

Up to 3/8" 9.5 mm

Oxy-Acetylene

Heavy duty DINAMIC®
V-style hand cutting
torch outfit.

PN# 4060 EQP PL-C04-V
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)

Power Line *



1 Year Warranty

Cutting Capacity

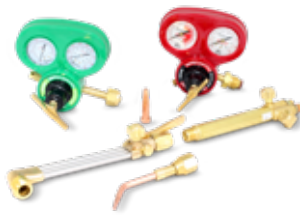
Up to 8" (203 mm)

Oxy-Acetylene

Heavy Duty H-Style Welding
and Cutting Outfit with
Cutting Torch and
Welding Handle.

PN# 4620 EQP PL-006-H
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)

Power Line *



1 Year Warranty

Cutting Capacity

Up to 6" (152 mm)

Welding

Up to 3/8" 9.5 mm

Oxy-Fuel

Heavy Duty H-Style Hand
Cutting Torch Outfit.

PN# 4069 EQP PL-C04-H
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)

Power Line *



1 Year Warranty

Cutting Capacity

Up to 8" (203 mm)

Oxy-Acetylene

Medium duty H-style
welding and cutting
outfit with cutting torch
and welding handle.

PN# 44789 EQP 65-WM-SC2
Oxygen Conn: (CGA-540)
Acetylene Conn: (CGA-510)

Power Line *



Cutting Capacity

Up to 4" (152 mm)

Welding

Up to 3/8" 9.5 mm

Oxy-Butane

Heavy/Medium duty
H-style hand cutting
torch outfit.

PN# 44790 EQP 65-WM-C3
Oxygen Conn: (CGA-540)
Fuel Conn: (CGA-510)

Power Line *



1 Year Warranty

Cutting Capacity

Up to 6" (152 mm)

WELDING & CUTTING EQUIPMENT

Oxy-Acetylene PORTAKIT®

Medium duty V-style portable welding and cutting outfit with cutting torch and welding handle.

PN# 4081 EQP 59LL-3-SL Acetylene

Conn: Oxygen: (CGA-540)

Conn: Acetylene: (CGA-510)



Cutting Capacity	Welding
Up to 4" (101 mm)	Up to 3/8" (13 mm)

REGULATORS

Oxygen

Heavy duty regulator. Forged brass body and bonnet with easy-to-read 2-1/2" gauges.

PN#4089 SH-1310-C



Inlet Connection	Inlet Connection
CGA-540	"B" (RH) 9/16" -18 (M)
Delivey Pressure	
5-125	

Oxygen

Heavy/Medium duty regulator. Forged brass body and bonnet with easy-to-read 2" gauges.

PN#4096 SH-1710-C



Inlet Connection	Inlet Connection
CGA-540	"B" (RH) 9/16" -18 (M)
Delivey Pressure	
5-125	

Acetylene

Heavy duty regulator.
Forged brass body and bonnet with
easy-to-read 2-1/2" gauges.

PN#4090 SH-1320



Inlet Connection	Inlet Connection
CGA-510	"B" (LH) 9/16" -18 (M)
Delivey Pressure	
2-15	

Acetylene

Heavy/Medium duty regulator.
Forged brass body and bonnet with
easy-to-read 2" gauges.

PN#4096 SH-1720-P



Inlet Connection	Inlet Connection
CGA-510	"B" (LH) 9/16" -18 (M)
Delivey Pressure	
2-15	

Butane (Fuel)

Heavy/Medium duty regulator.
Forged brass body and bonnet with
easy-to-read 2" gauges.

PN#44788 SH-1722



Inlet Connection	Inlet Connection
CGA-510	"B" (LH) 9/16" -18 (M)
Delivey Pressure	
2-40	

Nitrogen

Heavy duty regulator.
Forged brass body and bonnet with
easy-to-read 2-1/2" gauges.

PN#4094 SH-1330-N



Inlet Connection	Inlet Connection
CGA-580	5/8" -18" (RH) (F)
Delivey Pressure	
5-125	

Argon

Flowmeter Regulator

Heavy duty regulator.
Forged brass body and bonnet
with easy-to-read 2" gauge.

PN#4281 SH-1759-C



Inlet Connection	Inlet Connection
CGA-580	5/8" -18 RH (F)
Flow Cap (SCFH)	
10-70	

CO₂

Flowmeter Regulator

Heavy duty regulator.
Forged brass body and bonnet
with easy-to-read 2" gauge.

PN#4281 SH-1759-320



Inlet Connection	Inlet Connection
CGA-320	5/8" -18 RH (F)
Flow Cap (SCFH)	
10-80	

WELDING & CUTTING EQUIPMENT



WELDING HANDLES CUTTING ATTACHMENTS AND HAND CUTTING TORCHES

PN	Product	Flash/ back Arrestor	Cutting Capacity		Use with	Compatible with	Equipment
			Inch.	mm			
INFRA SMITH'S							
4113	Welding Handle SW-3H	Installed	-	-	Oxy-Acetylene Oxy-Butane	Cutting Attachment SC-309 Welding Tips SW Heating Tips Series ASC & BCS Series	
4127	Cutting Attachment SC-309	-	10	254	-	Welding Handle SW-3H Cutting Tips SC-12 and SC-50-A Series	
4131	Hand Cutting Torch SCR-510S	Installed	14	356	Oxy-Acetylene Oxy-Butane	Cutting Tips SC-12 and SC-50-A Series	
H-Style							
4126	Welding Handle 43-2H	Installed	-	-	Oxy-Acetylene Oxy-Butane	Cutting Attachment 49F-14 Welding Tips Elbow/Mixers E-44 & F-44 Heating Tips AHC Series	
4128	Cutting Attachment 49F-14	-	6	152.4	-	Welding Handle 43-2H Cutting Tips 6290-NX and 6290 Series	
4132	Hand Cutting Torch SCR-520H	Installed	12	305	Oxy-Acetylene Oxy-Butane	Cutting Tips 6290-NX and 6290 Series	
44791	Hand Cutting Torch	-	11.8	300	Oxy-Acetylene Oxy-Butane	Cutting Tips 6290-NX y 6290 Series	
DINAMIC - V-Style							
4116	Hand Cutting Torch 830-21	Installed	12	305	Oxy-Acetylene Oxy-Butane	Cutting Tips VI-BA-14 and VI-BB-14 Series	
Hand Cutting Torches available in more lengths...						PN 44735* SCR-510S E120 with 90° Head PN 44733* SCR-510S E180 with 90° Head PN 44738* SCR-515S E120 with 180° Head PN 44739* SCR-515S E180 with 180° Head	1.20 m Length 1.80 m Length 1.20 m Length 1.80 m Length

CUTTING TIPS

PN	CODE	Capacidad de corte		Compatible with	Tips
		Inches	mm		
Oxy-Acetylene INFRA SILVER STAR - SMITH's					
4133	SC-12-0	3/8"	9.53	Cutting Attachment SC-309 Hand Cutting Torch SCR-510S	
4134	SC-12-1	5/8"	15.88		
4136	SC-12-2	1-1/4"	31.75		
4137	SC-12-3	2"	50.80		
4138	SC-12-4	4"	101.60		
4151	SC-12-5	8"	203.20		
Oxy-Butane - INFRA SILVER STAR - Smith's					
4154	SC-50-A-0	3/8"	9.53	Cutting Attachment SC-309 Hand Cutting Torch SCR-510S	
4157	SC-50-A-1	5/8"	15.88		
4158	SC-50-A-2	1-1/4"	31.75		
4161	SC-50-A-3	2"	50.80		
4162	SC-50-A-4	4"	101.60		
4163	SC-50-A-5	8"	203.20		
Oxy-Acetylene - DINAMIC - V-Style					
4190	VI-BA-14-1	5/8"	15.88	Cutting Attachment 780A Hand Cutting Torch SCR-530V & 830-21	
4191	VI-BA-14-2	1-1/4"	31.75		
4192	VI-BA-14-3	2"	50.80		
Oxy-Butane - DINAMIC - V-Style					
4193	VI-BB-14-1	5/8"	15.88	Cutting Attachment 780A Hand Cutting Torch SCR-530V & 830-21	
4194	VI-BB-14-2	1-1/4"	31.75		
4195	VI-BB-14-3	2"	50.80		
Oxy-Acetylene - H-Style					
4208	6290-1	1"	25.40	Cutting Attachment 49F-14 Hand Cutting Torch SCR-520H	
4210	6290-2	2"	50.80		
4027	6290-3	3"	76.20		
Oxy-Butane - H-Style					
4184	6290-NX-0	5/8"	15.88	Cutting Attachment 49F-3 Hand Cutting Torch SCR-520H	
4186	6290-NX-1	1"	25.40		
4187	6290-NX-2	2"	50.80		
4188	6290-NX-3	3"	76.20		
4185	6290-NX-4	6"	152.40		

WELDING & CUTTING EQUIPMENT



WELDING TIPS

PN	Product	Cutting Capacity		Compatible with	Equipment
		Inches	mm		
Oxy-Acetylene Elbow Tip					
4252*	23-A-90-2	3/64"	1.19	Mixers E-44 & D-85-A	
4026	23-A-90-3	1/16"	1.59		
4029	23-A-90-5	1/8"	3.18		
Oxy-Acetylene SILVER STAR®					
4160	SW-203	3/32"	2.38	Welding Handle SW-3H	
4165	SW-205	1/8"	3.18		
4170	SW-207	3/16"	4.7		

HEATING TIPS

PN	Product	Heat Output (BTU's)	Compatible with	Equipment
Oxy-Butane (DO NOT USE ACETYLENE)				
4108	2290-5H	114,760 to 255,024		
Oxy-Acetylene SILVER STAR®				
4166	ASC-2	15,750		
4167	ASC-4	41,548		
Oxy-Butane SILVER STAR®				
4178	BCS-3	54,065 to 146,638		

PROTECTION AGAINST FLASHBACK AND REVERSE FLOW OF GASES

Check Valves

PN#4531 K-VCT-T

[1] Oxygen - VCT-R-1

[1] Fuel - VCT-L-1

9/16"-18"B"

Torches and cutting attachment

PN#4532 K-VCR-T

[1] Oxygen - VCR-R-1

[1] Fuel - VCR-L-1

9/16"-18"B"

Regulator



K-VCT-T



K-VCR-T

Flasback Arrestors

A device designed to prevent propagation of a flame going upstream and extinguishes flashbacks.

PN#5208 K-FAT-T

[1] ygen - [1] Fuel Set
9/16"-18 "B"

Torch and cutting attachment



K-FAT-T

PN#5209 K-FAR-T

[1] ygen - [1] Fuel Set
9/16"-18 "B" Regulator



K-FAR-T

2" Gauges

PN	Product	Range	Service	Connection
4807	51331PL/2-4	2 kg/cm ²	Acetylene	1/4"-18 NPT Bottom Mount
4809	51331PL/14-4	14 kg/cm ²	Oxygen	
4812	51331PL/28-4	28 kg/cm ²	Acetylene/Fuel (Butane)	
4813	51331PL/280-4	280 kg/cm ²	Oxygen	



2-1/2" Gauges for Regulators

PN	Product	Pressure	Diameter		Range	Service	Connection
			Inches	mm			
4179	63331G/2-4	Low Pressure	63"	212	2 kg²	Acetylene	1/4"-18 NPT
4180*	63331G/14-4				14 kg/cm²	Oxígeno	
4181	63331G/28-4	High Pressure			28 kg/cm²	Acetylene/Fuel (Butane)	Bottom Mount
4218	63333G/280-4				280 kg/cm²	Oxygen	



FLOWMETER

PN	Product	Range	Service	Connection
4322	D-1221	70 ft ³ / h	Argon and CO ₂	5/8" -18 (R)



WELDING & CUTTING EQUIPMENT



Regulator Connection [Valve - Nipple - Nut]

K-N2-STD-T



K-N2-AME-T



K-O2-STD-T



K-O2-AME-T



K-ACE-AME-T



PN	4493	4483	4484	4488	4489	4490	4491
Product	K-BUT-AME-T	K-ACE-STD-T	K-ACE-AME-T	K-N2-STD-T	K-N2-AME-T	K-O2-STD-T	K-O2-AME-T
Description	CGA-510 Long Stem/Nipple CGA-510 Nut	ACE-STD Stem/Nipple ACE-STD Nut	CGA-510-2 Stem/Nipple CGA-510-1 Nut	CGA-580-2 Stem/Nipple STD 58 Nut	CGA-580-2 Stem/Nipple CGA-580-1 Nut	OXI-STD Stem/Nipple OXI-STD Nut	CGA-540-2 Stem/Nipple CGA-540-1 Nut

O'Rings

PN#4523 K-F-430-8T

O'Ring Kit for Infra Smith's equipment.
[12 piece pack] Compatible with Cutting attachment SC-309, SW series Welding tips and ASC/BCS series Heating tips.

PN#4524 K-F-250-4T

O'Ring Kit for Infra Smith's equipment.
[12 piece pack] Compatible with Cutting attachment MW-413 and MW-203 series Welding tips

K-F-430-8T



Seals

PN#4512* K-G-930-T

Carbon Seals [5 Pack].
G-931 (High Pressure) Seals [5 Pack].
G-932 (Low Pressure) Seals [5 Pack].
Compatible with SC-12 and SC-50-A Series Cutting tips.

PN#4513 K-1008-SMTT

1008-SM Red Fiber Seals [10 Pack].
Compatible with Acetylene regulator and acetylene standard connexion.

K-G-930-T



K-1008-SM-T



Hand Cutting Torch Replacement Valves

PN	4533	4231
Model	K-SOP-T	K-VOLAN-T
Description	A-65 Stem and handle 6359-A Nut	D-42-9 Stem and handle
Compatible	SMITH'S Hand cutting torches and cutting attachments	Welding handles, Cutting Attachment & Hand Cutting Torches SMITH'S, WELDER and DINAMIC

K-SOP-T



Adjustment "T" Handle

PN#44718 Compatible with 1300 and 1700 Series Infra Regulators (Oxygen, Fuel Gases and Nitrogen)

Double Side Valve

PN#4530** NE-135A Oxygen
Use with Oxygen Regulator
Description: Right hand double sided outlet connection for hose and nut.

PN#4535 NE-136A Acetylene
Use with Acetylene Regulator
Description: Left hand double sided outlet connection for hose and nut.



** NOTE: Code 4530 can be used with Nitrógen, Argón and CO₂ gases.