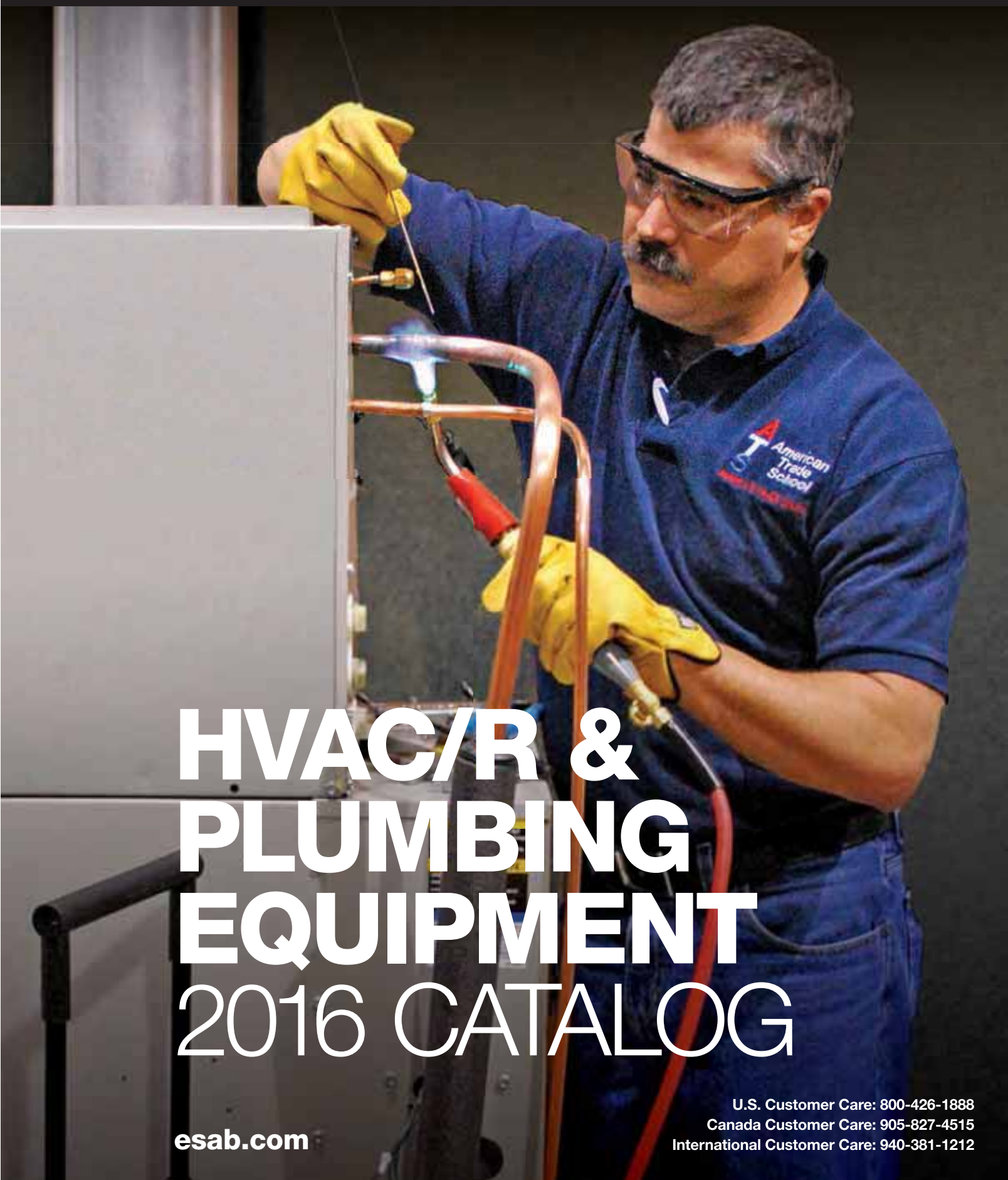
TURBOTORCH®

AN ESAB® BRAND



HVAC/R & PLUMBING EQUIPMENT 2016 CATALOG

esab.com

U.S. Customer Care: 800-426-1888
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International Customer Care: 940-381-1212

TURBOTORCH® THE PROFESSIONALS CHOICE

Since 1967, TurboTorch®, an ESAB® brand, has set the highest standard for manufacturers of air fuel equipment. TurboTorch is the original – the innovator of swirl technology and has the strongest brand recognition of any hand torch line.

TurboTorch offers industry leading and NATE recognized training programs with the best customer support in the industry and a market leading warranty. We've maintained this level of leadership by continually improving our torches with advanced flame technologies.



** Many of our TurboTorch branded products are tested and certified by independent, accredited agencies including UL and ETL.*

The Extreme® series, is the hottest torch on the market today – up to 40% hotter than competitors' torches, proven by test results from a recognized independent testing agency. The Extreme series torches reduce labor time and fuel consumption. Look for the benefit of swirl technology in our air acetylene, MAP-Pro® and Propane torches, kits and replacement tips.

For the first time, the TurboTorch catalog features an extended offering of products from the ESAB Group, Inc. Including genuine Victor gas equipment, outfits, cutting attachments, tips and nozzles; Tweco® arc welding equipment, consumables and accessories; Arcair® carbon arc gouging products and welding electrodes; Stoody® hardfacing welding products and alloys; and Thermal Dynamics® plasma cutting systems. Combining these products into one catalog enables you to consolidate all of your brazing, cutting, soldering, and welding purchases from one source.

ESAB

TURBOTORCH AN ESAB BRAND

VICTOR AN ESAB BRAND

ARCAIR AN ESAB BRAND

TWECO AN ESAB BRAND

STOODY AN ESAB BRAND

THERMAL DYNAMICS AN ESAB BRAND

ESAB is a global manufacturer dedicated to developing innovative solutions for your cutting, gas control and specialty welding applications. With over a century of heritage of authenticity, innovation and a deep connection with end users, our brands include Victor®, Tweco®, Arcair®, Thermal Dynamics®, Stoody®, TurboTorch®, Firepower® and CIGWELD®.

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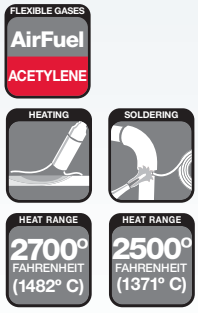


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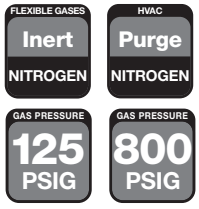
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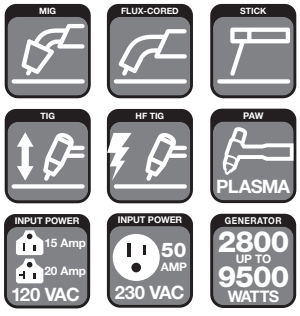
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OXYFUEL PORTABLE TOTES - BRAZING, CUTTING & WELDING

TurboTorch® portable tote outfits are manufactured by Victor®. These outfits are available in several configurations designed for a variety of oxyfuel brazing, cutting and welding applications. The new tote design features an ergonomic carrying handle, built-in storage case and a functional balanced design. Each outfit includes the components needed to tackle jobs from light duty welding, to specialized brazing, to cutting steel.



G150-J-PT*
Portable Tote Outfit
Part No. 0384-0946



G150-J-APT
Portable Tote Outfit
Part No. 0384-0956

VICTOR® J SERIES

Portable Tote Outfits

G150-J-PT* Part No. 0384-0946
G150-J-APT Part No. 0384-0956

This series of outfits is designed for light duty brazing, cutting, heating and welding jobs. Cuts up to 1/4" (6.4 mm) or 5" (127.0 mm) with optional tips. It welds up to 5/64" (2.0 mm) or 1" (25.7 mm) with optional nozzles.

Outfits Include:

- G150 Oxygen Regulator (0781-4241)
- G150 Fuel Gas Regulator (0781-4240)
- Plastic Tote Case (1421-0084)
- Dual "A" Grade Hose (0386-1094) 12.5' x 3/16" (3.8 m x 4.8 mm)
- Striker and Safety Glasses
- Tank Key (0386-1226) included with cylinders
- Torch Handle (0426-5002)
- Safety Check Valves
- Cutting Attachment, Cutting Tip, Heating Nozzle and Welding Nozzle (see chart on next page)
- Adapter (0386-1231), Air Fuel Tip (PL8-A) and Check Valves (J-AP models)
- 5 Year Warranty

**Handle has Safety Check Valves.*

OXYFUEL PORTABLE TOTES - BRAZING, CUTTING & WELDING PLUS HEATING

The 100 Series tote outfits by Victor® are available in two configurations that include the components needed to tackle applications requiring heating.



G150-100-CPT
Portable Tote Outfit
Part No. 0384-0944

VICTOR® 100 SERIES

Portable Tote Outfits

100-CP Part No. 0384-0943
100-CPT Part No. 0384-0944

This series of outfits is designed for medium duty brazing, cutting, heating and welding jobs. Cuts up to 1/4" (6.4 mm) or 5" (127.0 mm) with optional tips. It welds up to 5/64" (2.0 mm) or 1" (25.7 mm) with optional nozzles.

Outfits Include:

- G150 Oxygen Regulator (0781-4241)
- G150 Fuel Gas Regulator (0781-4240)
- Plastic Tote Case (1421-0084)
- Dual "A" Grade Hose (0386-1094) 12.5' x 3/16" (3.8 m x 4.8 mm)
- Striker and Soft-sided Goggles
- Tank Key (0386-1226) included with cylinders
- Torch Handle (101-01FP)
- Safety Check Valves
- Cutting Attachment, Cutting Tip, Heating Nozzle and Welding Nozzle (see chart below)
- Operating Manual
- 5 Year Warranty



Portable Tote Case Only
Part No. 1421-0084

Model	Part No.	Torch Handle	Cutting Attachment	Cutting Tip	Welding Nozzles	Heating Nozzle	Oxygen Regulator	Fuel Gas Regulator	Check Valves	Oxy Cylinder	Fuel Cylinder
G150-J-P	0384-0945	0382-0127	–	–	O-W-J, 2-W-J	–	0781-4241	0781-4240	Yes	–	–
G150-J-PT	0384-0946	0382-0127	–	–	O-W-J, 2-W-J	–	0781-4241	0781-4240	Yes	Type "R" 20 cu ft	Type "MC" 10 cu ft
G150-J-CP	0384-0947	0382-0127	CA1260	0-3-101	O-W-J, 2-W-J	–	0781-4241	0781-4240	Yes	–	–
G150-J-CPT	0384-0948	0382-0127	CA1260	0-3-101	O-W-J, 2-W-J	–	0781-4241	0781-4240	Yes	Type "R" 20 cu ft	Type "MC" 10 cu ft
G150-J-AP	0384-0955	0382-0127	–	–	2-W-J, 4-W-J	–	0781-4241	0781-4240	Yes	–	–
G150-J-APT	0384-0956	0382-0127	–	–	2-W-J, 4-W-J	–	0781-4241	0781-4240	Yes	Type "R" 20 cu ft	Type "MC" 10 cu ft
G150-J-ACP	0384-0957	0382-0127	CA1260	0-3-101	00-W-J, 1-W-J	3-W-J	0781-4241	0781-4240	Yes	–	–
G150-J-ACPT	0384-0958	0382-0127	CA1260	0-3-101	00-W-J, 1-W-J	3-W-J	0781-4241	0781-4240	Yes	Type "R" 20 cu ft	Type "MC" 10 cu ft
G150-100-CP*	0384-0943	101-01FP	151-01FP	1-3-101	0-W-1, 2-W-1	VMA-1-15	0781-4241	0781-4240	Yes	–	–
G150-100-CPT*	0384-0944	101-01FP	151-01FP	1-3-101	0-W-1, 2-W-1	VMA-1-15	0781-4241	0781-4240	Yes	Type "R" 20 cu ft	Type "MC" 10 cu ft

**Note: 100 Series includes B to A Adapter: OXY (RH thread) 0950-0115*
FUEL (LH thread) 0960-0052

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OXYFUEL OUTFITS - BRAZING, CUTTING, HEATING & WELDING

TurboTorch® outfits are manufactured by Victor®, the most recognized name in Gas Equipment. These outfits are available in several configurations designed for a variety of oxyfuel cutting, heating and welding applications. Victor's commitment to quality and safety are built into all of the TurboTorch outfits.



G150-J-E Outfit Part No. 0384-0980



G150-J-CE Outfit Part No. 0384-0979

CUTTING UP TO 5" (127 mm) WITH OPTIONAL TIPS | WELDING UP TO 1" (25.4 mm) WITH OPTIONAL TIPS | WARRANTY 5 YEAR

VICTOR® G150 SERIES

Light Duty Brazing, Cutting & Welding Outfits

G150-J-E Part No. 0384-0980
G150-J-CE Part No. 0384-0979

This series of outfits is designed for light duty brazing, cutting and welding jobs. Cuts up to 1/4" (6.4 mm) or 5" (127.0 mm) with optional tips. It welds up to 5/64" (2.0 mm) or 1" (25.7 mm) with optional nozzles.

Outfits Include:

- G150 Series Oxygen & Fuel Gas Regulators
- Torch Handle (0382-0127)
- CA1260 Cutting Attachment (CST-150C model)
- Cutting Tip and Welding Nozzle (see chart)
- Dual "A" Grade Hose 12.5' x 3/16" (3.8 m x 4.8 mm)
- Striker and Soft-sided Goggles
- Safety Check Valves
- 5 Year Warranty



CUTTING UP TO 6" (152.4 mm) WITH OPTIONAL TIPS | WELDING UP TO 1¼" (31.8 mm) WITH OPTIONAL TIPS | HEATING UP TO 117,000 BTUs/HOUR WITH OPTIONAL TIPS | WARRANTY 5 YEAR

VICTOR® PERFORMER®

Medium Duty Cutting, Heating & Welding System

Part No. 0384-2045

This medium duty outfit cuts up to 1/2" (12.7 mm) or 6" (152.4 mm) with optional tips. It welds up to 1/4" (6.4 mm) or 1.25" (31.8 mm) with optional nozzles.

Outfit Includes:

- ESS3 Series Oxygen & Fuel Gas Regulators
- 100FC Torch Handle with built-in flashback arrestors and check valves
- CA1350 Cutting Attachment
- Cutting Tip, Heating Nozzle and Welding Nozzle (see chart)
- "T" Grade Hose 12.5' x 3/16" (3.8 m x 4.8 mm)
- Striker, Tip cleaner and Soft-sided Shade 5 Goggles
- 5 Year Warranty



CUTTING UP TO 5" (127 mm) WITH OPTIONAL TIPS | WELDING UP TO 1¼" (31.8 mm) WITH OPTIONAL TIPS | WARRANTY 5 YEAR

VICTOR® MEDALIST® 250

Medium Duty Cutting & Welding System

Part No. 0384-2540

This medium duty outfit cuts up to 1/2" (12.7 mm) or 5" (127.0 mm) with optional tips. It welds up to 5/64" (2.0 mm) or 1.25" (31.8 mm) with optional nozzles.

Outfit Includes:

- G250 Series Oxygen & Fuel Gas Regulators
- WH411C Torch Handle with built-in check valves
- CA411-3 Cutting Attachment
- Cutting Tip and Welding Nozzle (see chart)
- "RM" Grade Hose 20' x 3/16" (6.1 m x 4.8 mm)
- Striker and Soft-sided Goggles
- 5 Year Warranty

Model	Part No.	Torch Handle	Cutting Attachment	Cutting Tip	Welding Nozzle	Heating Nozzle	Oxygen Regulators	Fuel Gas Regulator
G150-J-E	0384-0980	0382-0127	–	–	O-W-J, 2-W-J	–	G150-540	G150-200
G150-J-CE	0384-0979	0382-0127	CA1260	0-3-101	O-W-J, 2-W-J	–	G150-540	G150-200
Performer	0384-2045	100FC	CA1350	0-3-101	(W-1) 0	(MFA-1) 4	ESS3-125-540	ESS3-15-510
	0384-2046	100FC	CA1350	0-3-101	(W-1) 0	(MFA-1) 4	ESS3-125-540	ESS3-15-300
Medalist 250	0384-2540	WH411C	CA411-3	0-3-101	0-UM-250	–	G250-150-540	G250-15-510
	0384-2541	WH411C	CA411-3	0-3-101	0-UM-250	–	G250-150-540	G250-15-300
Medalist 350	0384-2690	WH411C	CA411-1	1-1-101	2-UM-350	–	G350-150-540	G350-15-510
	0384-2691	WH411C	CA411-1	1-1-101	2-UM-350	–	G350-150-540	G350-15-300



CUTTING UP TO 6" (152.4 mm) WITH OPTIONAL TIPS | WELDING UP TO 3" (76.2 mm) WITH OPTIONAL TIPS | WARRANTY 5 YEAR

VICTOR® MEDALIST® 350

Heavy Duty Cutting & Welding System

Part No. 0384-2690

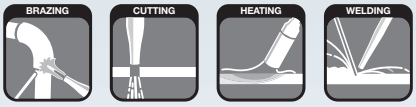
This heavy duty outfit cuts up to 1/2" (12.7 mm) or 6" (152.4 mm) with optional tips. It welds up to 1/4" (6.4 mm) or 3" (76.2 mm) with optional nozzles.

Outfit Includes:

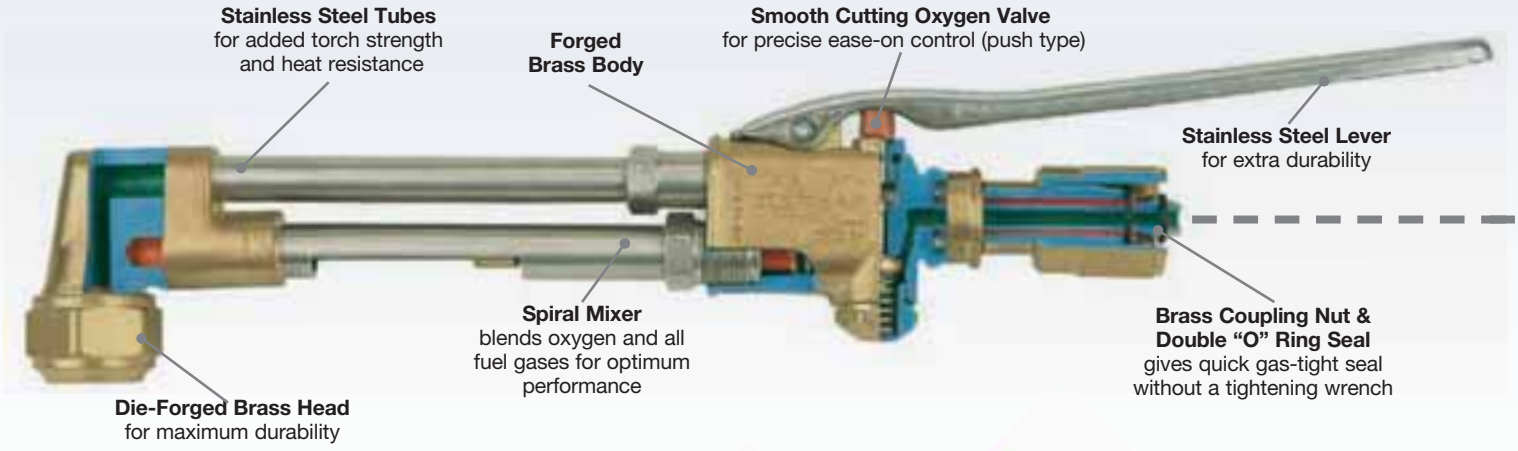
- G350 Series Oxygen & Fuel Gas Regulators
- WH411C Torch Handle with built-in check valves
- CA411-1 Cutting Attachment
- Cutting Tip and Welding Nozzle (see chart)
- "RM" Grade Hose 25' x 1/4" (7.6 m x 6.4 mm)
- Striker and Soft-sided Goggles
- 5 Year Warranty

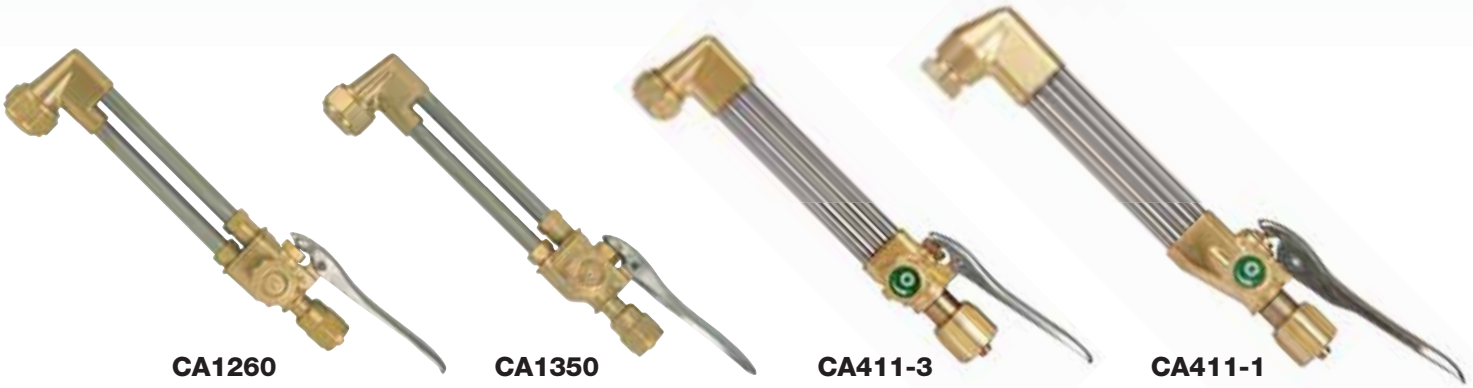
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International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

VICTOR® CUTTING ATTACHMENTS - EFFICIENT DESIGN & CONSTRUCTION



Victor cutting attachments and torch handles cover the full range of brazing, cutting, heating and welding needs. Performance matched cutting attachments are available for each torch handle series. Victor's commitment to quality and safety are built into all of the TurboTorch products.





CA1260 Cutting Attachment Part No. 0387-0003

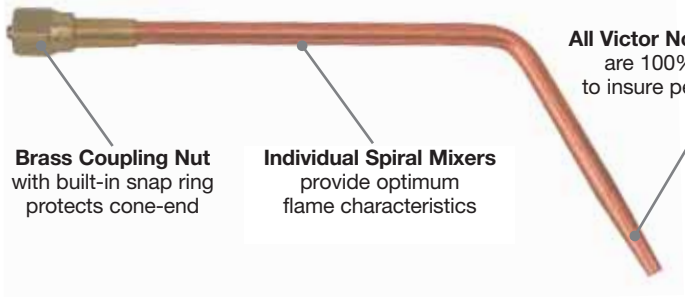
CA1350 Cutting Attachment Part No. 0387-0005

CA411-3 Cutting Attachment Part No. 0381-1939

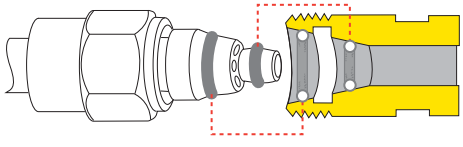
CA411-1 Cutting Attachment Part No. 0381-1940

Model	Part No.	Cutting Range	Handle Series	Tip Series	Head Angle
Victor CA1260CS Clamshell	0387-0003	3" (76 mm)	J	3	90°
Victor CA1350CS Clamshell	0387-0005	6" (152 mm)	100	3	90°
Victor CA411-3 Cutting Attachment	0381-1939	6" (152 mm)	400	3	90°
Victor CA411-1 Cutting Attachment	0381-1940	6" (152 mm)	400	3	90°

VICTOR NOZZLES & TIPS - DESIGN & CONSTRUCTION

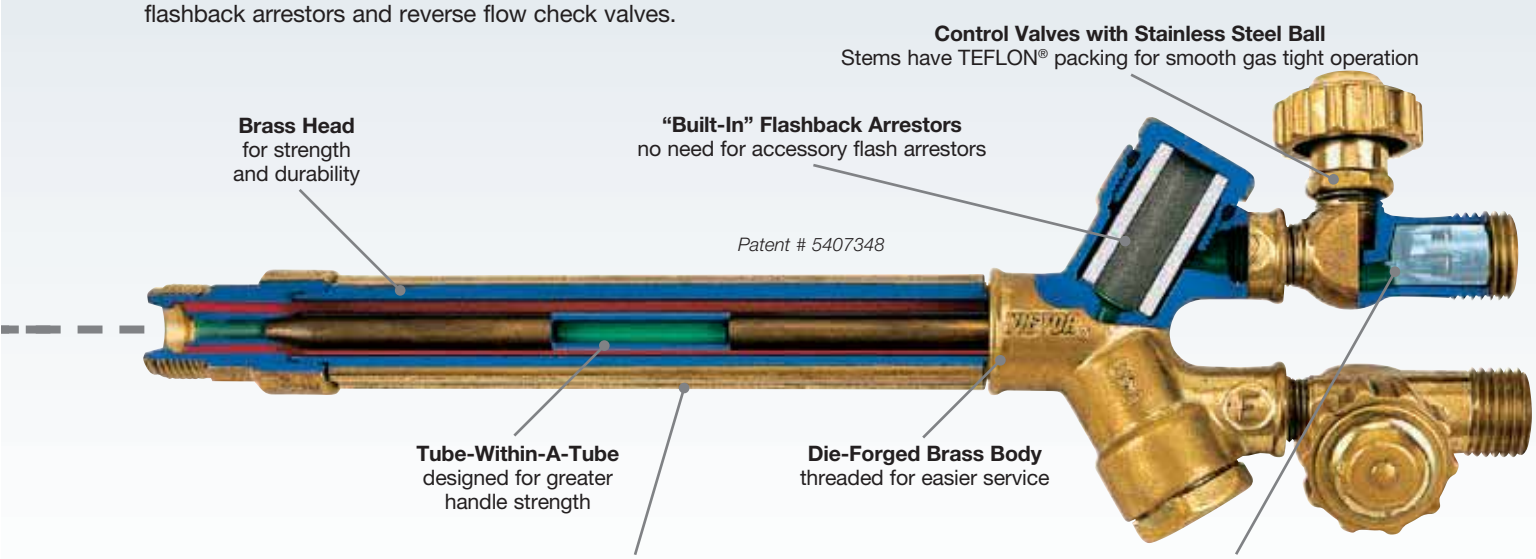


Double O-ring Seal
Provides gas-tight connection without wrench



VICTOR® TORCH HANDLES - VALUE & OPERATOR SAFETY

Victor torch handles give you twice the value. Each torch handle is designed and built to withstand rugged job site conditions and Victor's threaded assembly design lets you replace or repair parts quickly and economically. They work with all fuel gases, with pressure restrictions for different gases. Victor torch handles are available with the following safety features: built-in flashback arrestors and reverse flow check valves.





J-40
Torch Handle Control
Part No. 0382-0006



J-28
Torch Handle
Part No. 0382-0127



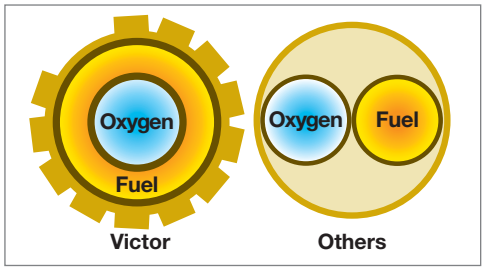
101FC
Torch Handle
Part No. 0386-0310



WH411C
Torch Handle
Part No. 0382-0355

Model	Part No.	Description	Flash Back	Hose Connection	Weight	Length
J-40	0382-0006	Victor Standard Light Duty Boxed	Check Valves	3/8" - 24	8.5 oz (.25 kg)	3¾" (95 mm)
J-28	0382-0127	Victor Standard Light Duty Boxed	Check Valves	"A" Hose CGA 021/022	8.5 oz (.25 kg)	6" (152 mm)
100FC	0382-0032	Victor Medium Duty Boxed	Built-in	9/16" - 18	14 oz (.4 kg)	8½" (216 mm)
100FC	0387-0011	Victor Medium Duty Clamshell	Built-in	9/16" - 18	14 oz (.4 kg)	8½" (216 mm)
101FC	0386-0310	Victor Medium Duty Boxed	Built-in	9/16" - 18	14 oz (.4 kg)	8½" (216 mm)
WH411C*	0382-0355	Victor Heavy Duty Boxed	Check Valves	9/16" - 18	22.75 oz (.64 kg)	8" (203 mm)

** There are no Built-In Flash Back Arrestors on the WH411C*

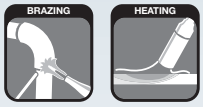


TUBE-WITHIN-A-TUBE DESIGN

Victor's performance proven Tube-Within-A-Tube design has greater wall thickness than other designs. Victor torch handles include one oxygen tube within a massive, heavy ribbed handle which also serves as the gas tube. The result is greater strength and durability plus a reduction in overall size and weight to reduce operator fatigue and increase cutting performance.

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
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BRAZING & MULTI-FLAME HEATING NOZZLES



Exclusive "Optimized" nozzles are designed for "optimum" performance in largest choice of types and sizes, plus uniformity of tip orifice and size for all series. TurboTorch® offers a complete range of nozzles, tips and elbows with a size for every application including: brazing, heating and welding. Each complete nozzle has its own built-in spiral mixer, designed for its unique tip size and flame characteristic, and is individually swaged to insure proper alignment for uniform flame, sizing and free-flow contour. Orifice sizes are common for all series – regardless of nozzle series (300FC, 100FC, J), flame characteristic or fuel gas used. This uniformity of orifice sizes simplifies nozzle selection and eliminates chances of ordering the wrong size when changing from one type of nozzle to another.

Brazing Nozzles - J Series - Light Duty

Model	Part No.	Tip Size	Copper Tubing Capacity		Handles
00-W-J-CS	0387-0039	00	1/8" - 3/4"	(3-19 mm)	103-01FP
0-W-J-CS	0387-0040	0	1/4" - 1"	(6-25 mm)	103-01FP
1-W-J-CS	0387-0041	1	1/4" - 1¼"	(6-31 mm)	103-01FP
2-W-J-CS	0387-0042	2	1/2" - 1½"	(12-38 mm)	103-01FP
3-W-J-CS	0387-0043	3	3/4" - 1¾"	(19-44 mm)	103-01FP
4-W-J	0325-0044	4	3/4" - 2"	(19-51 mm)	103-01FP



J Series Brazing Nozzle

Multi-Flame Heating Nozzles J Series - Light Duty

Model	Part No.	Handle	BTU per hour
VMA-J-15 Clamshell	0325-0109	103-01FP, J-28, J-40	–
2-MFA-J Box	0325-0104	103-01FP, J-28, J-40	4,410 - 13,230
4-MFA-J Box	0325-0105	103-01FP, J-28, J-40	8,820 - 29,400
6-MFA-J CS Clamshell	0387-0077	103-01FP, J-28, J-40	20,580 - 58,800



J Series Heating Nozzle

Brazing Nozzles - 100 Series - Medium Duty

Model	Part No.	Tip Size	Copper Tubing Capacity		Handles
000-W-1-CS	0387-0028	000	1/8" - 1/2"	(3-12 mm)	100FP, 103-01FP
00-W-1-CS	0387-0029	00	1/8" - 3/4"	(3-19 mm)	100FP, 103-01FP
0-W-1-CS	0387-0030	0	1/4" - 1"	(6-25 mm)	100FP, 103-01FP
1-W-1-CS	0387-0031	1	1/4" - 1¼"	(6-31 mm)	100FP, 103-01FP
2-W-1-CS	0387-0032	2	1/2" - 1½"	(12-38 mm)	100FP, 103-01FP
3-W-1	0387-0033	3	3/4" - 1¾"	(19-44 mm)	100FP, 103-01FP
4-W-1	0387-0034	4	3/4" - 2"	(19-51 mm)	100FP, 103-01FP



100 Series Brazing Nozzle

Multi-Flame Heating Nozzles 100 Series - Medium Duty

Model	Part No.	Handle	BTU per hour
VMA-1-15 Clamshell	0324-0114	100FC,101-01FP	14,700 - 44,000
2-MFA-1 Box	0324-0108	100FC, 101-01FP	4,410 - 13,230



100 Series Heating Nozzle

Brazing Nozzles - 300 Series - Heavy Duty

Model	Part No.	Tip Size	Copper Tubing Capacity		Handles
W-00	0387-0019	00	1/8" - 3/4"	(3-19 mm)	300 Series
W-0	0387-0020	0	1/4" - 1"	(6-25 mm)	300 Series
W-1	0387-0021	1	1/4" - 1¼"	(6-31 mm)	300 Series
W-2	0387-0022	2	1/2" - 1½"	(12-38 mm)	300 Series
W-3	0387-0023	3	3/4" - 1¾"	(19-49 mm)	300 Series
W-4	0387-0024	4	3/4" - 2"	(19-51 mm)	300 Series



300 Series Brazing Nozzle

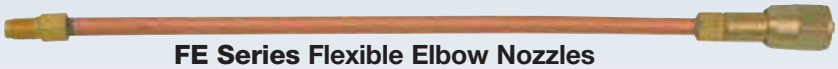
Multi-Flame Heating Nozzles 300 Series - Heavy Duty

Model	Part No.	Handle	BTU per hour
4-MFA-CS	0387-0060	300	8,820 - 29,400
6-MFA-CS	0387-0061	300	20,580 - 58,800
8-MFA-CS	0387-0062	300	44,100 - 117,600

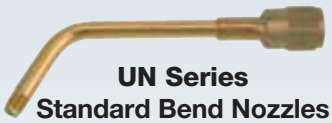


300 Series Heating Nozzle

SPECIAL APPLICATIONS NOZZLES



FE Series Flexible Elbow Nozzles



UN Series
Standard Bend Nozzles



UM Series
Mixer

Model	Part No.	Torch Series	Fuel Usage	Length	Thread	Description
DFE-J	0325-0108	J, 103-01	Multi-Gas Fuel	8¾" (222 mm)	5/16" – 27"	Dual flexible elbow nozzle assembly
UN-J	0325-0101	J, 103-01	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Standard bend nozzle
FE-J	0325-0102	J, 103-01	Multi-Gas Fuel	11½" (292 mm)	5/16" – 27"	Flexible elbow nozzle
UNN-J	0325-0046	J, 103-01	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Standard bend nozzle
DFE-1	0324-0092	100FC,101-01FC	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Dual flexible elbow nozzle assembly
UN-1	0324-0094	100FC,101-01FC	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Standard bend nozzle
FE-1	0324-0066	100FC,101-01FC	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Flexible elbow nozzle
4-UM-1	0328-0005	100FC,101-01FC	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Universal mixer
DFE	0323-0192	315FC	Multi-Gas Fuel	8¾" each elbow	5/16" – 27"	Dual flexible elbow nozzle assembly
UN	0323-0242	315FC	Multi-Gas Fuel	5" (127 mm)	5/16" – 27"	Standard bend nozzle
FE	0323-0191	315FC	Multi-Gas Fuel	11½" (292 mm)	5/16" – 27"	Flexible elbow nozzle

REPLACEABLE TIP ENDS - FOR USE WITH ACETYLENE GAS



TEMFA Series
Replaceable Tip Ends



TE Series
Replaceable Tip Ends

Model	Part No.	Cutting Range	Handle Series	Tip Series
1-TEMFA	0311-0215	1¼" (32 mm)	5/16" – 27"	TEMFA
2-TEMFA	0311-0216	1¼" (32 mm)	5/16" – 27"	TEMFA
3-TEMFA	0311-0217	1¼" (32 mm)	5/16" – 27"	TEMFA
4-TEMFA	0311-0218	1¼" (32 mm)	5/16" – 27"	TEMFA
5-TEMFA	0311-0219	1¼" (32 mm)	5/16" – 27"	TEMFA
000-TE	0311-0471	1½" (38 mm)	5/16" – 27"	TE
00-TE	0311-0472	1½" (38 mm)	5/16" – 27"	TE
0-TE	0311-0473	1½" (38 mm)	5/16" – 27"	TE
1-TE	0311-0474	1½" (38 mm)	5/16" – 27"	TE
2-TE	0311-0475	1½" (38 mm)	5/16" – 27"	TE
3-TE	0311-0587	1⅝" (41 mm)	5/16" – 27"	TE
4-TE	0311-0588	1⅞" (47 mm)	5/16" – 27"	TE
5-TE	0311-0589	2" (50 mm)	5/16" – 27"	TE
6-TE	0311-0590*	2¼" (57 mm)	.393 - 27"	TE

CUTTING TIPS



CS Series Cutting Tips

Model	Part No.	Tip Size	Cut Capacity	Use with Cutting Attachment
00-3-101-CS	0387-0144	00	1/4" (6.4 mm)	CA1350, CA1260, CA25
0-3-101-CS	0387-0145	0	1/2" (13 mm)	CA1350, CA1260, CA25
1-3-101-CS	0387-0146	1	3/4" (19 mm)	CA1350, CA1260, CA25
2-3-101-CS	0387-0147	2	1" (25 mm)	CA1350, CA1260, CA25
160-02P	0386-1231	Adapter Air/Acetylene Only, used on 103-01FP Handle		

SPECIALTY TIPS



V Series
Single Flame Tips



VM Series Mixer Adapters



D Series
Tips



WST-5 Wrapper Tip

Fits "J" Series Handle

Model	Part No.	Description	Brazing Capacity
V1	0386-0551	Single Flame Tip	1/4" – 7/8" (6 – 22 mm)
V2	0386-0552	Single Flame Tip	1/2" – 1" (13 – 25 mm)
V3	0386-0553	Single Flame Tip	5/8" – 1⅛" (16 – 28 mm)
VM-J	0386-0554	Mixer Adapter	Adapter for Specialty Tips
VM-1	0386-0555	Mixer Adapter	Adapter for Specialty Tips
D1	0386-0545	Dual Flame Tip	1/4" – 7/8" (6 – 22 mm)
D2	0386-0546	Dual Flame Tip	1/2" – 1⅛" (13 – 28 mm)
WST-5	0386-0580	Wrapper Tip	5/8" - 1" (16 – 25 mm)

TIP EXTENSIONS



E6 6" Flexible Extension Part No. 0386-0556



E10 10" Flexible Extension Part No. 0386-0557

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

OXYGEN & ACETYLENE REGULATORS

SINGLE STAGE G150 HIGH CAPACITY OXYGEN

SINGLE STAGE G150 HIGH CAPACITY ACETYLENE



G150-540
Oxygen Regulator
Part No. 0781-4241



G150-200
Acetylene Regulator
Part No. 0781-4240

Model	Part No.	High Pressure Gauge		Low Pressure Gauge		Delivery Range		Gauge Size
		P.S.I.G.	KPA	P.S.I.G.	KPA	P.S.I.G.	KPA	
G150-60-540R 020 "A" R/E Victor	0781-4241	4,000	28,000	100	700	4-80	28-570	1½" / 1/8" NPT
G150-15-200R 021 "A" R/E Victor	0781-4240	400	2,800	.53-.89	210	2-15	14-105	1½" / 1/8" NPT

**Gauges Scale = PSIG/KPA*

Replacement Gauges

Part No.	Description	NPT	Fitting	Gauge
1435-0090RP	2 bar/15 psi Acetylene	1/8"	A	1½"
1435-0091RP	6 bar/87 psi Oxygen	1/8"	A	1½"
1435-0094RP	40 bar/580 psi Acetylene	1/8"	A	1½"
1435-0096RP	315 bar/4568 psi Oxygen	1/8"	A	1½"
0781-4232	G150-15-200R Acetylene	1/8"	B	1½"
0781-4228	G150-60-540R Oxygen	1/8"	B	1½"
0426-8010	600# TurboSkill® Black Case Gauge	1/4"	A	2"
0426-8011	4000# TurboSkill Black Case Gauge	1/4"	A	2"
1424-0017	400#/2800 KPA Gold Tint, Boxed	1/4"	A	2"
1424-0018	600#, Gold Tint, Boxed	1/4"	A	2"
1424-0019	4000#/28,000 KPA Gold Tint, Boxed	1/4"	A	2"
1424-0166	4000# Chrome, Boxed	1/4"	A	2"
1424-0178	400# Chrome, Boxed	1/4"	A	2"
1424-0283	400# Gold Tint, Boxed	1/4"	A	2"
1424-0284	4000# Gold Tint, Boxed	1/4"	A	2"
1424-0381	600#/4200 KPA Gold Tint, Boxed	1/4"	A	2"



Miscellaneous Gauges & Accessories

Part No.	Description
1420-0003	PD 11 Test Gauge Fuel Gas
1420-0004	PD 10 Test Gauge Oxygen
1424-0330	1.4" Acetylene, Black Conn, Boxed
1429-0027	2" Replacement Lens
1429-0028	2½" Replacement Lens
1429-0029	Gauge Lens 1½"



TURBOTORCH® TDLX SERIES TOTE OUTFITS

Plumbing & HVAC Professionals can work in some rough conditions and need equipment that is built to withstand those everyday challenges. The TurboTorch TDLX 2010B Roller Tote outfit features durable wheels set to a wide wheel-base for added stability in rough terrain, as well as a metal base for a solid and reliable operation to easily move between work areas and keep the tools you need handy. Both TDLX outfits feature an Extreme self lighting tip, an Extreme standard tip, an ergonomic handle with quick disconnect and a tank tote that conveniently stores the hose and additional tips. Choose between the TDLX 2010B or TDLX 2003MC outfits, and immediately benefit from the flexibility these outfits offer.



TDLX 2010B
Roller Tote Outfit
Part No. 0386-0578

Outfit Includes:
- Durable Tote Case
- PL - 8A and A - 3 Tips
- G4 Torch Handle
- AR - B Regulator
- AH - 12 Hose
- Tank Key



Roller Tote Bag Only
Part No. 0386-0579



**Lift from Carry Handle Only*

TDLX 2003MC
Torch Tote Outfit
Part No. 0426-0011

Outfit Includes:
PL-8ADLX-MC
Extreme Air Acetylene Kit
(0386-0834)

A-5 Extreme
Air Acetylene Tip
(0386-0102)

TT-MC Tote
(1421-0035)



Tanks not included

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

EXTREME® SELF LIGHTING TORCH KITS

SOLDERING | BRAZING | WARRANTY 3 YEARS

Extreme Swirl Technology delivers high heat, super fast, reducing brazing time and fuel consumption. All air acetylene kits include gauge guards and cylinder wrench. Our best line of self-lighting torch kits are available in either valve rear or valve forward configurations. Improved design features quick-disconnect handles and replaceable tips and color coded "O" rings for quick gas identification.





PL-5ADLX-MC
Torch Kit
Part No. 0386-0832

Kit Includes:
- AR-MC (CGA 200) Regulator
- G-4 Handle
- AH-12 Hose
- PL-5A Tip
- Soft solders to 1½" (38 mm)
- Silver brazes to 3/4" (19 mm)
- "MC" Tank Connections
- Instruction Manual



Kit No.	Part No.	Soft Solders	Silver Brazes	Regulator	Handle	Hose	Tip	Tank Connection	Valve Position
PL-5ADLX-MC	0386-0832	1½" (38 mm)	3/4" (19 mm)	AR-MC (CGA-200)	G4	AH-12	PL-5A	MC	Rear
PL-5ADLX-B	0386-0833	1½" (38 mm)	3/4" (19 mm)	AR-B (CGA-520)	G4	AH-12	PL-5A	B	Rear
PL-8ADLX-MC	0386-0834	2" (50 mm)	1" (25 mm)	AR-MC (CGA-200)	G4	AH-12	PL-8A	MC	Rear
PL-8ADLX-B	0386-0835	2" (50 mm)	1" (25 mm)	AR-B (CGA-520)	G4	AH-12	PL-8A	B	Rear
PL-12ADLX-B	0386-0836	4" (102 mm)	2" (50 mm)	AR-B (CGA-520)	G4	AH-12	PL-12A	B	Rear
PLF-5ADLX-MC	0386-0864	1½" (38 mm)	3/4" (19 mm)	AR-MC (CGA-200)	PLF-A5	AH-12	PL-5A	MC	Forward
PLF-5ADLX-B	0386-0865	1½" (38 mm)	3/4" (19 mm)	AR-B (CGA-520)	PLF-A5	AH-12	PL-5A	B	Forward
PLF-8ADLX-MC	0386-0866	2" (50 mm)	1" (25 mm)	AR-MC (CGA-200)	PLF-A5	AH-12	PL-8A	MC	Forward
PLF-8ADLX-B	0386-0867	2" (50 mm)	1" (25 mm)	AR-B (CGA-520)	PLF-A5	AH-12	PL-8A	B	Forward
PLF-12ADLX-B	0386-0868	4" (102 mm)	2" (50 mm)	AR-B (CGA-520)	PLF-A5	AH-12	PL-12A	B	Forward
PL-12ASTD	0386-0828	4" (102 mm)	2" (50 mm)	–	G4	–	PL-12A	–	Rear

EXTREME® SELF LIGHTING REPLACEMENT TIPS

Increase the range of your torch kit with additional self lighting tips. All TurboTorch® tips feature an orifice screw that can be easily removed for simple cleaning or replacement, extending the life of the tip.

With Color Coded "O" Rings Red for Acetylene



PL-3A
Replacement Tip
Part No. 0386-0874



PL-5A
Replacement Tip
Part No. 0386-0818



PL-8A
Replacement Tip
Part No. 0386-0819



PL-12A
Replacement Tip
Part No. 0386-0820



3A-TE
Replacement Tip End
Part No. 0386-1059



5A-TE
Replacement Tip End
Part No. 0386-1064



8A-TE
Replacement Tip End
Part No. 0386-1065



12A-TE
Replacement Tip End
Part No. 0386-1066

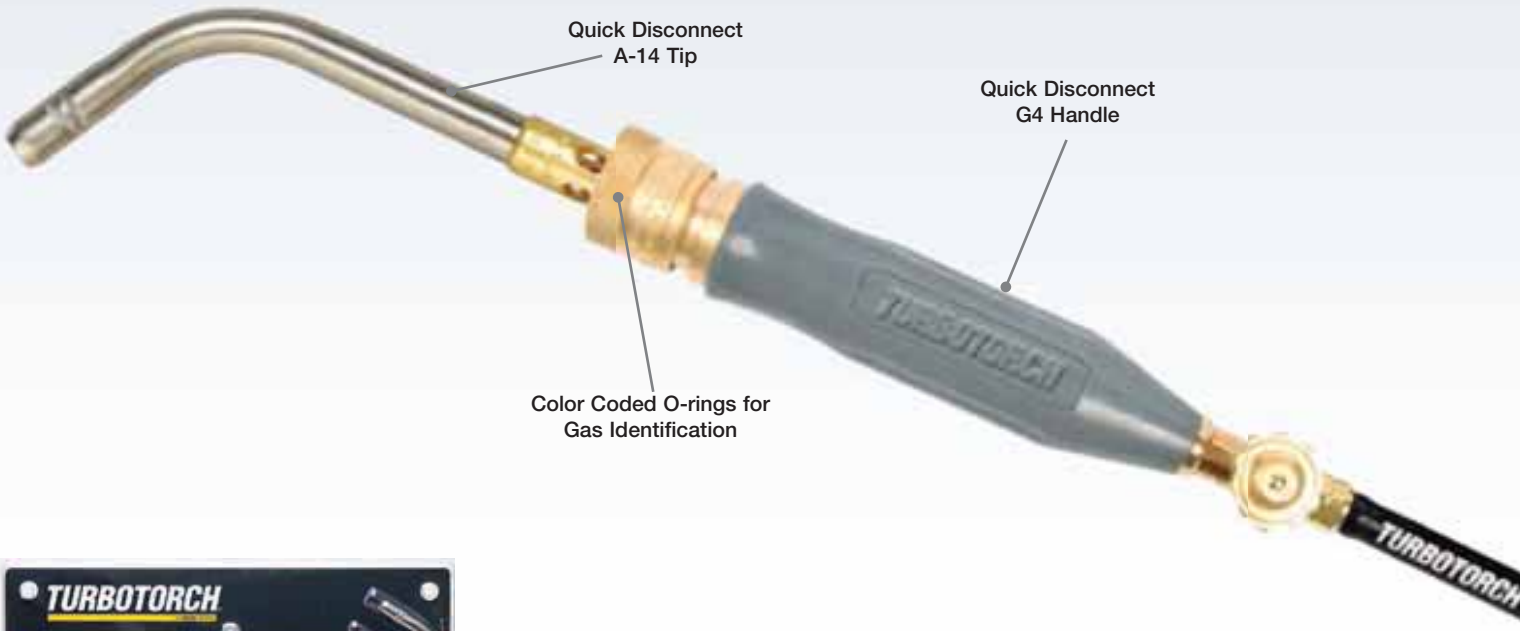
Tip No.	Tip Part No.	Tip Size	Soft Solders	Silver Brazes	Gas Flow		Replacement Orifice	Replacement Tip End	BTU
					@14 PSI SCFH	(0.9 BAR) M3/HR			
PL-3A	0386-0874	3/16" (4.8 mm)	1/4" – 1" (6.4 – 25 mm)	1/8" – 1/2" (3.2 – 13 mm)	3.6	0.108	OR-A3 0386-1001	3A-TE 0386-1059	1,280
PL-5A	0386-0818	1/4" (6.4 mm)	3/4" – 1½" (19 – 38 mm)	1/4" – 3/4" (6.4 – 9.5 mm)	5	0.15	OR-A8 0386-1003	5A-TE 0386-1064	2,080
PL-8A	0386-0819	5/16" (7.9 mm)	1" – 2" (25 – 50 mm)	1/2" – 1" (13 – 25 mm)	7	0.21	– 0305-0511	8A-TE 0386-1065	2,520
PL-12A	0386-0820	3/8" (9.5 mm)	2" – 4" (50 – 102 mm)	1" – 2" (25 – 50 mm)	9	0.27	OR-T-6 0386-1024	12A-TE 0386-1066	3,360

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

EXTREME® STANDARD TORCH KITS

This line of kits has been the industry standard for decades. Reliable and well engineered, the standard line of kits combines our Extreme Swirl Technology with a traditional manual lighting torch. All tips feature quick disconnect couplings and color coded O-rings for gas identification.

SOLDERING BRAZING WARRANTY 3 YEARS





X-3B
Torch Kit
Part No. 0386-0335

Kit Includes:
- AR-B (CGA 520) Regulator
- G-4 Handle
- AH-12 Hose
- A-3 & A-11 Tips
- Soft Solders to 3" (75 mm)
- Silver Brazes to 1⅝" (40 mm)
- "B" Tank Connection
- Instruction Manual



Kit No.	Part No.	Soft Solders	Silver Brazes	Regulator	Handle	Hose	Tips	Tank Connection	Valve Position
X-3B	0386-0335	3" (76 mm)	1⅝" (41 mm)	AR-B (CGA-520)	G4	AH-12	A-3, A-11	B	Rear
X-4B	0386-0336	3½" (89 mm)	2" (50 mm)	AR-B (CGA-520)	G4	AH-12	A-5, A-14	B	Rear
X-5B	0386-0338	1½" (38 mm)	3/4" (19 mm)	AR-B (CGA-520)	G4	AH-12	A-5	B	Rear
X-5MC	0386-0384	1½" (38 mm)	3/4" (19 mm)	AR-MC (CGA-200)	G4	AH-12	A-5	MC	Rear
X-6MC	0386-0339	2" (50 mm)	1" (25 mm)	AR-MC (CGA-200)	G4	AH-12	A-3, A-8	MC	Rear
MSKA-1	0386-0366	3" (76 mm)	3/4" (19 mm)	AR-B (CGA-520)	G4	AH-12	MSA-8	B	Rear

EXTREME® STANDARD REPLACEMENT TIPS

A full series of manual lighting tips can be used with any Air Acetylene torch handle (PLF-A5 or G-4). Add range to your torch kit with economical tips that also feature a removable orifice screw.

With Color Coded "O" Rings Red for Acetylene



A-2
Replacement Tip
Part No. 0386-0100



A-3
Replacement Tip
Part No. 0386-0101



A-5
Replacement Tip
Part No. 0386-0102



A-8
Replacement Tip
Part No. 0386-0103



A-11
Replacement Tip
Part No. 0386-0104



A-14
Replacement Tip
Part No. 0386-0105



A-32
Replacement Tip
Part No. 0386-0106



MSA-8
Replacement Tip
Part No. 0386-0365



Combo Accessory
Pro Pack
Part No. 0386-0577

Includes:

- Air Acetylene Tips: A-8, A-5 and A-2 for use with Quick Disconnect Handles
- PL-812 Torch Shield 8" x 12" made with PyroSil™
- L-1 Flint Striker

Replacement Tip No.	Tip Part No.	Tip Size	Soft Solders	Silver Brazes	Gas Flow @14 PSI SCFH	Gas Flow (0.9 BAR) M3/HR	Replacement Orifice
A-2	0386-0100	1/8" (3.2 mm)	1/8" – 1/2" (3.2 – 13 mm)	1/8" – 1/4" (3.2 – 6.4 mm)	2.0	0.060	OR-A2
A-3	0386-0101	3/16" (4.8 mm)	1/4" – 1" (6.4 – 25 mm)	1/8" – 1/2" (3.2 – 13 mm)	3.6	0.108	OR-A3
A-5	0386-0102	1/4" (6.4 mm)	3/4" – 1½" (19 – 38 mm)	1/4" – 3/4" (6.4 – 19 mm)	5.7	0.171	OR-A5
A-8	0386-0103	5/16" (7.9 mm)	1" – 2" (25 – 50 mm)	1/2" – 1" (25 – 50 mm)	8.3	0.249	OR-A8
A-11	0386-0104	7/16" (11 mm)	1½" – 3" (38 – 76 mm)	7/8" – 1⅝" (22 – 41 mm)	11.0	0.330	OR-A11
A-14	0386-0105	1/2" (13 mm)	2" – 3½" (50 – 89 mm)	1" – 2" (25 – 50 mm)	14.5	0.435	OR-A14
A-32	0386-0106	3/4" (19 mm)	4" – 6" (102 – 152 mm)	1½" – 4" (38 – 102 mm)	33.2	0.996	OR-A32
MSA-8	0386-0368	3/8" (9.5 mm)	3/4" – 3" (19 – 76 mm)	1/4" – 3/4" (6.4 – 19 mm)	5.8	0.174	OR-A5

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

SOF-FLAME™ TORCH KITS

For situations where Swirl Technology is too much, Sof-Flame torch kits offer proven durability and performance for plumbing applications in harsh environments. Tips have a threaded connection and feature a removable orifice screw. Use the Snappy Adapter (0386-0500) to connect “A” style tips.

SOLDERING

WARRANTY 3 YEARS





WSF-3
Torch Kit
Part No. 0386-0089

Kit Includes:

- AR-MC (CGA 200) Regulator
- WA-400 Handle
- AH-12 Hose
- S-4 Tip
- Soft Solders to 1" (25 mm)
- “MC” Tank Connection
- Instruction Manual



Kit No.	Part No.	Soft Solders	Regulator	Handle	Hose	Tips	Tank Connection	Valve Position
WSF-3	0386-0089	1" 25 mm	AR-MC (CGA-200)	WA-400	AH-12	S-4	MC	Rear
WSF-4	0386-0090	1" 25 mm	AR-B (CGA-520)	WA-400	AH-12	S-4	B	Rear

SOF-FLAME™ REPLACEMENT TIPS

Constructed of solid brass, Sof-Flame tips add flexibility to the standard kit, increasing the range up to 4 in. Fits WA-400 Torch Handles.



S-1
Replacement Tip
Part No.
0386-1153

S-2
Replacement Tip
Part No.
0386-1154

S-3
Replacement Tip
Part No.
0386-0112

S-4
Replacement Tip
Part No.
0386-0113

S-5
Replacement Tip
Part No.
0386-0114

S-6
Replacement Tip
Part No.
0386-0115

Replacement Tip No.	Part No.	Soft Solders	Operating Pressure Range		Acetylene Consumption Range		Replacement Orifice Model	
			PSI	BAR	IN.	M3		
S-1	0386-1153	1/16" – 1/8" (1.6 – 3.2 mm)	5-15	0.35-1.0	0.53-0.89	0.0159-0.0267	OR-SI	0386-1049
S-2	0386-1154	1/8" – 3/8" (3.2 – 9.5 mm)	5-15	0.35-1.0	1.0-1.7	0.03-0.051	OR-A2	0386-1000
S-3	0386-0112	3/8" – 1/2" (9.5 – 13 mm)	5-15	0.35-1.0	1.9-3.2	0.057-0.096	OR-T3	0386-1021
S-4	0386-0113	1/2" – 1" (25 – 50 mm)	5-15	0.35-1.0	3.5-5.9	0.105-0.177	OR-A5	0386-1002
S-5	0386-0114	3/4" – 1½" (19 – 38 mm)	5-15	0.35-1.0	6.6-11.0	0.198-0.33	OR-A11	0386-1004
S-6	0386-0115	1" – 2" (25 – 102 mm)	5-15	0.35-1.0	8.8-14.8	0.264-0.444	OR-A14	0386-1005

AIR ACETYLENE - COMPONENTS & ACCESSORIES



WA-400 Torch Handle
Part No. 0386-0410



(Forward valve location)

PLF-A5 Proline® Torch Handle
Part No. 0386-0872



G4 TurboTorch® Torch Handle
Part No. 0386-0308



Snappy Adapter
Part No.
0386-0500



BTMCR Adapter
Part No.
0386-0503



MCT Adapter
Part No.
0386-0505



AR-B Regulator
Part No.
0386-0725



AR-MC Regulator
Part No.
0386-0726



AG-1 Regulator
Part No.
0386-1200
(gauge only)

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

TURBOTORCH® PROLINE® SELF LIGHTING TORCH OUTFITS

TurboTorch knows the importance of providing durable and dependable products that stand the test of time. The PL-DLXPT torch outfit is loaded with pockets for your tools and to store all the accessories needed on the job. The Choice for Plumbing and HVAC Professionals.





Features:

- Easily store 2 gas cylinders *(gas cylinders not included)*
- Adjustable shoulder strap
- Metal sleeve for hot tip storage
- Multiple storage pockets
- Easy storage of gas hose
- Comfortable carrying handle



PL-DLXPT
Torch Outfit
Part No. 0386-1397

Kit Includes:

- Durable Tool Bag
- Self Lighting PL-3T Tip
- Ergonomic H-4 Torch Handle
- STK-R Regulator (CGA-600)
- 12 ft TS-12 Hose (0386-1083)
- Hose Clamp

Bonus Items:

- PL-4T Tip
- PL-812 Heat Shield

EXTREME® SELF LIGHTING TORCHES



TurboTorch® has developed a new series of hand torches that also feature Extreme Swirl Technology. The new Extreme series generates more heat than other hand torches for faster brazing times and less gas consumption. All Extreme series hand torches and tips feature TurboTorch swirl combustion. Higher heat levels, in a short amount of time, enable the pros to quickly complete the job. Select from two models depending on the job. The TX-503 series is a "cooler" torch, making it ideal for general plumbing jobs. The TX-504 series is suitable for HVAC and high capacity applications. Both models feature convenient self-lighting triggers, quick disconnect couplings between handle and tips.





TX-503
Extreme Torch
Part No. 0386-1297

TX-504
Extreme Torch
Part No. 0386-1293

TX-500
Extreme ProPak
Part No. 0386-1297

Includes:
- Both T-503 and T-504 Tips for maximum versatility



TXC-504
Extreme Torch Case
Part No. 0386-1294

Includes:
- TX-504 Hand Torch
- Plastic Case

Model	Part No.	Propane		MAP-Pro		Replacement Tip No.	Part No.
		Soft Solders	Silver Brazes	Soft Solders	Silver Brazes		
TX-503	0386-1297	1/8"–2" (3.2-50 mm)	1/16"–3/4" (1.6-19 mm)	1/8"–3" (3.2-76 mm)	1/16"–1" (1.6-25 mm)	**T-503**	0386-1298
TX-504	0386-1293	3/4"–3" (19-76 mm)	1/4"–1" (6.4-25 mm)	3/4"–4" (19-102 mm)	1/4"–1¼" (6.4-32 mm)	**T-504**	0386-1296
TX-500	0386-1297	1/8"–2" (3.2-50 mm) 3/4"–3" (19-76 mm)	1/16"–3/4" (1.6-19 mm) 1/4"–1" (6.4-25 mm)	1/8"–3" (3.2-76 mm) 3/4"–4" (19-102 mm)	1/16"–1" (1.6-25 mm) 1/4"–1¼" (6.4-32 mm)	**T-503** **T-504**	0386-1298 0386-1296
TXC-504	0386-1294	3/4"–3" (19-76 mm)	1/4"–1" (6.4-25 mm)	3/4"–4" (19-102 mm)	1/4"–1¼" (6.4-32 mm)	**T-504**	0386-1296
TXK-504	0386-1295	3/4"–3" (19-76 mm)	1/4"–1" (6.4-25 mm)	3/4"–4" (19-102 mm)	1/4"–1¼" (6.4-32 mm)	**T-504**	0386-1296
TL-44-NL*	0386-1286	1/8"–2" (3.2-50 mm)	1/16"–3/4" (1.6-19 mm)	1/8"–3" (3.2-76 mm)	1/16"–1" (1.6-25 mm)	**T-503**	0386-1298

**No Lock*



TXK-504
Extreme Torch Kit
Part No. 0386-1295

Kit Includes:
- TX-504 Hand Torch
- Adapter (0386-0508
- Hose (TS-12)
- Regulator (STK-R).



T-503
Replacement Tip
Part No. 0386-1298

T-504
Replacement Tip
Part No. 0386-1296

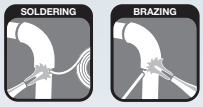


T-503
Replacement Nut
Part No. 0386-1300

T-504
Replacement Nut
Part No. 0386-1301

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

EXTREME® STK, SK & TP TORCHES



A longtime industry benchmark, the TurboTorch® line of STK torches now feature the new Extreme Swirl technology. All torches have 360 degree swivel tips and easy to clean orifice screws. Torch kits include the STK-R Pressure Regulator with CGA-600 connection and instruction manuals.



STK-1
Extreme Torch
Part No. 0386-0408

Includes:
STK-R Regulator
ST-1 Tip



STK-9
Extreme Torch
Part No. 0386-0403

Includes:
STK-R Regulator
ST-3 Tip



STK-11
Extreme Torch
Part No. 0386-1283

Includes:
STK-R Regulator
ST-11 Double Barrel Tip



STK-31
Extreme Torch
Part No. 0386-0575

Includes:
STK-R Regulator with CGA 600 Connection
ST-3 Extreme Tip
ST-1 Tip



STK-99
Extreme Torch
Part No. 0386-0851

Includes:
STK-R Regulator
ST-33 Self Lighting Tip



SK-7000
Self Lighting Hand Torch
Part No. 0426-4001

Features:
- Self-lighting
- Preset flame
- 180° swivel tip
- Safety trigger lock
- Operates on any standard MAP-Pro and Propane 14.1 oz tank
- U.L. listed
- CGA 600 connection
- One year warranty



TP-10
Extreme Pencil Flame Torch
Part No. 0386-0860

Features:
- Solid brass construction for lasting durability
- Flame control valve for precise heat adjustments
- Operates on any standard MAP-Pro and Propane 14.1 oz tank
- Great for light application jobs: soldering, thawing frozen pipes, loosening rusty nuts & bolts, heating, light maintenance

Torch	Part No.	Regulator	Replacement Orifice	BTU MAP-Pro	Replacement Tips
STK-1	0386-0408	STK-R	STOR-1	1,200	ST-1
STK-9	0386-0403	STK-R	STOR-3	1,800	ST-3
STK-11	0386-1283	STK-R	STOR-3	3,600	ST-11
STK-31	0386-0575	STK-R (CGA-600)	STOR-1 or -3	1,800	ST-1, ST-3
STK-99	0386-0851	STK-R	STOR-3	1,700	ST-33
SK-7000	0426-4001	–	–	–	–
TP-10	0386-0860	–	–	–	–

EXTREME® STK REPLACEMENT TIPS



ST-1
Replacement Tip
Part No. 0386-0170

ST-3
Replacement Tip
Part No. 0386-0171

ST-4
Replacement Tip
Part No. 0386-0183

ST-5
Replacement Tip
Part No. 0386-0184



ST-11
Replacement Tip
Part No. 0386-1282
Double Barrel Tip

ST-33
Replacement Tip
Part No. 0386-0850
Self Lighting Tip

Tip No.	Part No.	Propane		MAP-Pro		Replacement Orifice	BTU MAP-Pro
		Soft Solders	Silver Brazes	Soft Solders	Silver Brazes		
ST-1	0386-0170	1/8"–1/2" (3.2–13 mm)	1/8"–3/8" (3.2-9.5 mm)	1/8"–3/4" (3.2-19 mm)	1/8"–1/2" (3.2-13 mm)	STOR-1	1,200
ST-3	0386-0171	1/4"–3" (6.4-76 mm)	1/4"–1" (6.4-25 mm)	1/4"–3½" (6.4-89 mm)	1/4"–1¾" (6.4-44 mm)	STOR-3	1,800
ST-4	0386-0183	1⅜"–2" (35-50 mm)	1⅜"–1½" (35-38 mm)	1⅜"–2½" (35-64 mm)	1/4"–1⅜" (6.4-35 mm)	STOR-3	1,800
ST-5	0386-0184	1/8"–3/8" (3.2-9.5 mm)	1/8"–3/8" (3.2-9.5 mm)	1/8"–1/2" (3.2-13 mm)	3/8"–1/2" (9.5-13 mm)	STOR-1	1,800
ST-11	0386-1282	1"–4" (25-102 mm)	1/2"–2" (13-50 mm)	1½"–6" (38-152 mm)	3/4"–3" (19-76 mm)	STOR-3	3,600
ST-33	0386-0850	1/4"–3" (6.4-76 mm)	1/4"–1" (6.4-25 mm)	1/4"–3½" (6.4-89 mm)	1/4"–1¾" (6.4-44 mm)	STOR-3	1,700



STK-R
Regulator
Part No. 0386-0687
CGA 600 Connection



44TL-TE
Tip End
Part No. 0386-1263
Fits ST-33,
STK 99 & TL-44



Fire Stick™ Torch Kit

Features:
- Two models available - with or without regulator
- For Propane (Hose approved for LP)

Model	Part No.	Description	BTU's
HS-101	0384-1251	Fire Stick with R-LP Regulator	350,000
HT-500	0384-1261	Fire Stick (Heavy Duty) without Regulator	500,000

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

PROLINE™ SELF LIGHTING TORCH KITS



Featuring TurboTorch®'s Swirl Combustion technology, the Proline series kits are engineered for performance and durability. All kits are equipped with RL-P Regulators (CGA-510), allowing for the use of high heat/energy gases such as MAP-Pro or Propane. A full assortment of tips equipped with quick disconnects, expands the work range of the series.





PL-3TDLX
Torch Kit
Part No. 0386-0837

Kit Includes:

- RL-P Regulator (CGA-510)
- H-4 Handle
- H-12 Hose
- PL-3T Tip
- Soft Solders 1" (25 mm)
- Silver Brazes 1/2" (13 mm)
- Instruction Manual



Kit No.	Part No.	Soft Solders	Silver Brazes	Regulator	Handle	Hose	Tips
PL-3TDLX	0386-0837	1" (25 mm)	1/2" (13 mm)	RL-P (CGA-510)	H-4	H-12	PL-3T
PL-4TDLX	0386-0838	1½" (38 mm)	3/4" (19 mm)	RL-P (CGA-510)	H-4	H-12	PL-4T
PL-5TDLX	0386-0839	2½" (64 mm)	1¼" (32 mm)	RL-P (CGA-510)	H-4	H-12	PL-5T
PL-4TSTD	0386-0830	1½" (38 mm)	3/4" (19 mm)	–	H-4	–	PL-4T

PROLINE™ SELF LIGHTING REPLACEMENT TIPS

With Color Coded "O" Rings Blue for Propane



PL-3T
Replacement Tip
Part No. 0386-0821
Self Lighting Tip

PL-4T
Replacement Tip
Part No. 0386-0822
Self Lighting Tip

PL-5T
Replacement Tip
Part No. 0386-0823
Self Lighting Tip

Replacement Tip No.	Part No.	Tip Size	Air Propane	Air MAP-Pro	Copper Tubing Size Capacity Propane Gas		Copper Tubing Size Capacity MAP-Pro Gas		Replacement		BTU
			@24 PSI LBS/HR	@42 PSI LBS/HR	Soft Solders	Silver Brazes	Soft Solders	Silver Brazes	Orifice Model	Tip Ends	
PL-3T*	0386-0821	3⁄8" (9.5 mm)	0.33	0.46	1/4"–1" (6.4 – 25 mm)	1/8" – 1/2" (3.2 – 13 mm)	1/4" – 1½" (6.4 – 38 mm)	1/4" – 1/2" (6.4 – 13 mm)	OR-T-3	3T-TE	1,300
PL-4T	0386-0822	7/16" (11 mm)	0.52	0.69	1/4" – 1½" (6.4 – 38 mm)	1/4" – 3/4" (6.4 – 19 mm)	1/4" – 2½" (6.4 – 64 mm)	1/4" – 1¼" (6.4 – 32 mm)	OR-PL4T	3T-TE	1,400
PL-5T	0386-0823	5⁄8" (16 mm)	0.71	1.41	1½" – 2½" (38 – 64 mm)	1/2" – 1¼" (13 – 32 mm)	1" – 4" (25 – 102 mm)	1/2" – 2" (13 – 50 mm)	OR-PL5T	3T-TE	2,000

** Included in PL-DLXPT Kit (0386-1397), See page 18.*

MAP-PRO & PROPANE COMPONENTS - ACCESSORIES

H-4
Torch Handle
Part No. 0386-0300
Fits all Proline and TurboTorch tips "B" size
9/16" - 18 hose connections





R-LP
Regulator
Part No. 0386-0705

Brass regulator for use with MAP-Pro, Propane and other LPG fuel gas. Adjustable to 60 psi. Fits standard POL valve & 9/16" 18 LH hose nut. Not for use with Acetylene.
R-LP-993 Regulator for British 993 Markets, Part No. 0386-0328



3T-TE
Replacement Tip End
Part No. 0386-1067



4T-TE
Replacement Tip End
Part No. 0386-1068

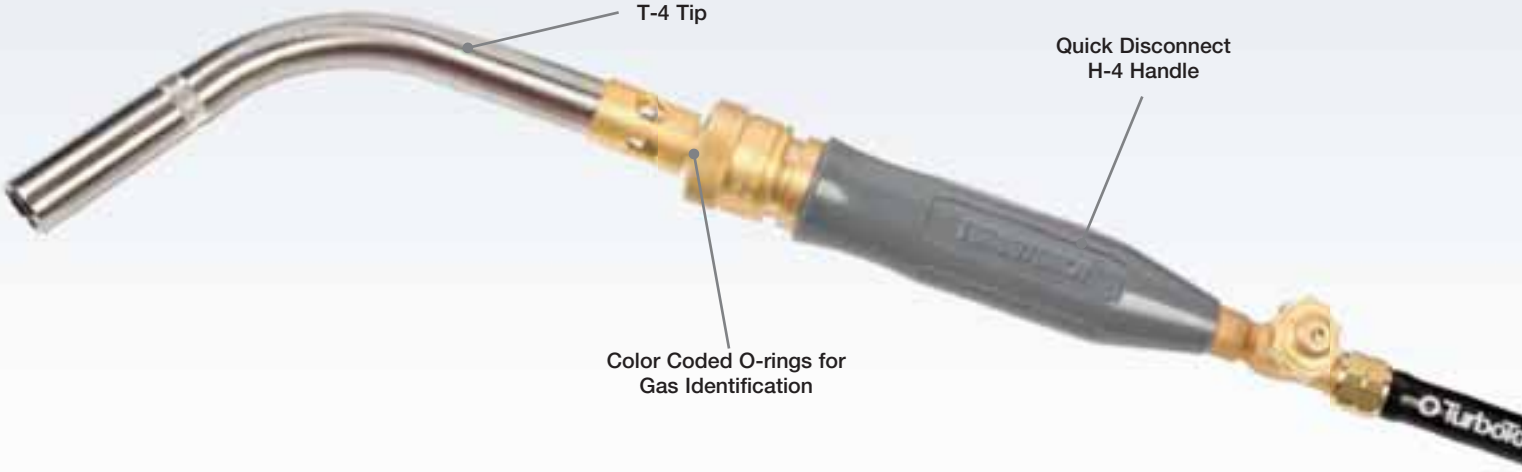


5T-TE
Replacement Tip End
Part No. 0386-1069

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

MAP-PRO & PROPANE STANDARD KITS

Designed with the same Swirl Combustion Technology that is featured in the Proline Self Lighting Series, the manual series offers an economical alternative for use with Propane and MAP-Pro gases.





LP-1
Total LP Kit
Part No. 0386-0247

Kit Includes:

- R-LP Adjustable Regulator, CGA-510
- H-4 Handle
- H-12 Hose
- T-4 & T-6 Tips
- Soft solders to 6" (150 mm) with MAP-Pro
- Silver brazes to 4" (100 mm) with MAP-Pro
- Instruction Manual



Kit No.	Part No.	Soft Solders	Silver Brazes	Regulator	Handle	Hose	Tips
LP-1	0386-0247	6" (152 mm)	4" (102 mm)	RL-P (CGA-510)	H-4	H-12	T-4, T-6
LP-2	0386-0007	4" (102 mm)	2" (50 mm)	RL-P (CGA-510)	H-4	H-12	T-3, T-5
LP-3	0386-0006	2½" (64 mm)	1¼" (32 mm)	RL-P (CGA-510)	H-4	H-12	T-4

NOTE: Refer to tip chart on next page for soldering and brazing specifications

MAP-PRO® & PROPANE STANDARD REPLACEMENT TIPS

Designed with the same Swirl Combustion Technology that is featured in the Proline Series, the manual series offers a variety of tip sizes helps complete the job quickly and economically.

With Color Coded "O" Rings Blue for Propane



T-2
Replacement Tip
Part No. 0386-0150

T-3
Replacement Tip
Part No. 0386-0151

T-4
Replacement Tip
Part No. 0386-0152

T-5
Replacement Tip
Part No. 0386-0153

T-6
Replacement Tip
Part No. 0386-0154

Replacement Tip No.	Part No.	Tip Size	Air Propane	Air MAP-Pro	Copper Tubing Size Capacity Propane Gas		Copper Tubing Size Capacity MAP-Pro Gas		Replacement Orifice Model
			@24 PSI LBS/HR	@42 PSI LBS/HR	Soft Solders	Silver Brazes	Soft Solders	Silver Brazes	Part No.
T-2	0386-0150	5/16" (7.9 mm)	0.14	0.17	1/8" – 1/4" (3.2 – 6.4 mm)	1/16" – 1/4" (1.6 – 6.4 mm)	1/8" – 1/2" (3.2 – 13 mm)	1/8" – 1/4" (3.2 – 6.4 mm)	OR-A2 0386-1000
T-3	0386-0151	7/16" (11 mm)	0.20	0.25	1/4" – 1" (6.4 – 25 mm)	1/8" – 1/2" (3.2 – 13 mm)	1/4" – 1½" (6.4 – 38 mm)	1/4" – 1/2" (6.4 – 13 mm)	OR-T3 0386-1021
T-4	0386-0152	1/2" (13 mm)	0.39	0.48	1/4" – 1½" (6.4 – 38 mm)	1/4" – 3/4" (6.4 – 19 mm)	1/4" – 2½" (6.4 – 64 mm)	1/4" – 1¼" (6.4 – 32 mm)	OR-A3 0386-1001
T-5	0386-0153	3/4" (19 mm)	1.10	1.3	1½" – 2½" (38 – 64 mm)	1/2" – 1¼" (13 – 32 mm)	1" – 4" (25 – 102 mm)	1/2" – 2" (13 – 50 mm)	OR-A8 0386-1003
T-6	0386-0154	1" (25 mm)	2.10	2.5	1½" – 4" (38 – 102 mm)	3/4" – 2" (19 – 50 mm)	1½" – 6" (38 – 152 mm)	3/4" – 4" (19 – 102 mm)	OR-T6 0386-1024

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

MAP-PRO & PROPANE TANKS & CYLINDERS



PT-1 Propane Tank
Part No. 0916-0004

- Propane replacement tank for use with all TurboTorch® hand torches
- Also use with TurboTorch #TT-LP Leak Detector
- Contains 14.1 oz Propane
- CGA 600 Connection
- Non-Refillable



MPT-1 MAP-Pro Tank
Part No. 0916-0122

- MAP-Pro Gas replacement tank for use with TurboTorch dual fuel hand torches
- Also use with TurboTorch #TT-LP Leak Detector
- Contains 14.1 oz of MAP-Pro Gas
- CGA 600 Connection
- Non-Refillable



AC-B Acetylene Cylinder
Part No. 0916-0005

- Type “B” Acetylene Cylinder 40 cu ft capacity
- CGA 520 Connection
- Fits 1421-0016 “B” tote
- DOT, TC Certified



AC-MC Acetylene Cylinder
Part No. 0916-0002

- Type “MC” Acetylene Cylinder 10 cu ft capacity
- CGA 200 Connection
- Fits TurboTote 0386-1241 Case
- Fits CutSkill Tote 1421-0084
- DOT, TC Certified



OX-20 Oxygen Cylinder
Part No. 0916-0003

- Type “R” Oxygen Cylinder 20 cu ft capacity
- CGA 540 Connection
- Fits TurboTote 0386-1241 Case
- Fits CutSkill® Tote 1421-0084
- DOT, TC Certified

OX-40 Oxygen Cylinder
Part No. 0916-0019

- Type "R" Oxygen Cylinder 40 cu ft capacity
- CGA 540 Connection
- DOT, TC Certified



NT-20 Nitrogen Cylinder
Part No. 0916-0145

- 20 cu ft Nitrogen Cylinder
- CGA 580 Connection
- DOT, TC Certified

NT-40 Nitrogen Cylinder
Part No. 0916-0028

- 40 cu ft Nitrogen Cylinder
- CGA 580 Connection
- DOT, TC Certified

NT-55 Nitrogen Cylinder
Part No. 0916-0326

- 55 cu ft Nitrogen Cylinder
- CGA 580 Connection
- DOT, TC Certified

Model	Part No.	Gas	Type	Connection	Capacity	Certified
PT-1	0916-0004	Propane	–	CGA 600	14.1 oz	–
AC-B	0916-0005	Acetylene	B	CGA 520	40 cu ft	DOT, TC
OX-20	0916-0003	Oxygen	R	CGA 540	20 cu ft	DOT, TC
OX-40	0916-0019	Oxygen	R	CGA 540	40 cu ft	DOT, TC
MPT-1	0916-0022	MAP-Pro	–	CGA 600	14.1 oz	–
AC-MC	0916-0002	Acetylene	MC	CGA 200	10 cu ft	DOT, TC
NT-20	0916-0145	Nitrogen	–	CGA 580	20 cu ft	DOT, TC
NT-40	0916-0028	Nitrogen	–	CGA 580	40 cu ft	DOT, TC
NT-55	0916-0326	Nitrogen	–	CGA 580	55 cu ft	DOT, TC
T-10PS-MT	0916-0029	Propane	–	CGA 510	10 lb	–



T-10PS-MT Propane Tank
Part No. 0916-0029

- Tank with 10 lb capacity Refillable with Propane
- CGA 510 POL Connection
- 17½" (44 cm) high
- 8" (20 cm) O.D.

MAP-PRO® & PROPANE TANK & CYLINDER TOTES



TT-MCR Dual Tank Tote
Part No. 1421-0036

Features:
- Heavy duty steel construction fits “MC” and “OX-20” (R) tank
- Storage for tips, hose, handle and cutting attachments
- Adapter needed for use with MPT-1 *(not included)*



TT-B Tank Tote
Part No. 1421-0034

Features:
- Heavy duty steel construction fits “B” tank
- Storage for tips, hose, handle and striker.



TT-MC Tank Tote
Part No. 1421-0035

Features:
- Heavy duty steel construction fits “MC” tank or MPT-1 MAP-Pro tank
- Easy storage of tips, handle, hose and striker.



143-01 Cylinder Truck
Part No. 1421-0039

Features:
- Wheeled cylinder truck
- Can accommodate 40 or 10 cu ft Acetylene and 40 or 20 cu ft Oxygen cylinders



TT-150 “B” Tote Part No. 1421-0016

Durable composite construction fits “B” tank. Features include a hose rack for storage while not in use and helps protect the regulator from accidental damage. A large handle keeps your tank portable. Your spark lighter is close at hand in its own holder accessory. “B” tote can be changed from one tank to another without special tools. A heavy nylon belt can keep your outfit secure on scaffolds or in the truck.





Rolling Tote Bag Only
Part No. 0386-0579



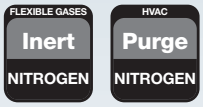
Plastic Tote Case Only
Part No. 1421-0084



Deluxe Torch Bag Only
Part No. 0386-1402

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

NITROGEN PURGE KITS



Nitrogen purging: When brazing copper, it is imperative to purge with nitrogen in order to minimize or eliminate oxidation that results from heating the copper pipe. Without purging, oxidation will occur and the oxidized flakes that result can and will break off and flow through the system, damaging bearings and fouling system filters. All that is needed is a low pressure, low volume flow of nitrogen. The use of dry nitrogen gas also minimizes the need to evacuate moisture from the system.



NPK-TT Nitrogen Purge Kit
Part No. 0386-1370

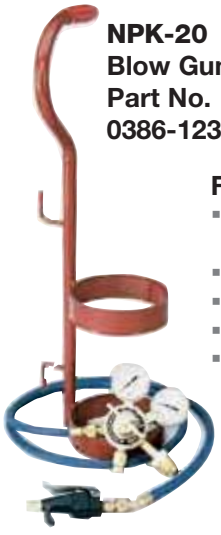
Nitrogen Purge Kit Components

Model	Part No.	Description
NPK-TT	0386-1370	Nitrogen Purge Kit
245-03P	0386-0814	Nitrogen Regulator
TT-1	0386-1371	Turbo Tornado™
CP-1	0386-1372	1/2" Cone Plug
CP-2	0386-1373	3/4" Cone Plug
NT-1	0386-1374	Needle Tip
CO2-NPK	0386-1375	CO_2 Adapter
CH-36	0386-1376	36" X 1/4" Standard Charge Hose
CH-72	0386-1377	72" X 1/4" Standard Charge Hose
BG-NPK	0386-1378	Blow Gun



Kit includes all items shown above.

NITROGEN PURGE BLOW GUN KITS



NPK-20
Blow Gun Kit
Part No.
0386-1234

Features:
- 1/4" (6.4 mm) Blow Gun Hose 6 ft (1.8 m) length
- OSHA Rated Blow Gun
- Regulator 245-03P
- Carrying Tote
- Multiple Uses: Purges, Blows, Leak Tests



NPK-40
Blow Gun Kit
Part No.
0386-1236



SKP-40T
Blow Gun Kit
Part No. 0426-0009

Features:
- 40 cu ft Nitrogen Cylinder (0916-0028)
- Durable 1/4" (6.4 mm) Blow Gun Hose 6 ft (1.8 m) length
- OSHA Rated Blow Gun (0660-0105)
- Regulator SKP-425 (0426-2001)
- Carrying Tote (1421-0059)

Nitrogen Purge Blow Gun Kit Components

Model	Part No.	Nitrogen Regulator	Blow Gun	6 ft (1.8 m) Hose	Carrying Tote	Tank
NPK-20	0386-1234	245-03P (0386-0814)	BG (0660-0105)	BGH (1412-0145)	TT-20 (1421-0058)	—
NPK-40	0386-1236	245-03P (0386-0814)	BG (0660-0105)	BGH (1412-0145)	TT-40 (1421-0059)	—
SKP-40T	0426-0009	SKP-425 (0426-2001)	BG (0660-0105)	BGH (1412-0145)	TT-40 (1421-0059)	40 cu ft Nitrogen Cylinder (0916-0028)

NITROGEN PURGE REGULATORS



250 SERIES
Nitrogen Regulator
Part No. 0386-0857
Part No. 0386-0875



245 SERIES
Nitrogen Regulator
Part No. 0386-0813
Part No. 0386-0814

Model Number	Part No.	H.P. Gauge		L.P. Gauge		Delivery Range	
		P.S.I.G.	KPA	P.S.I.G.	KPA	P.S.I.G.	KPA
DP250-800-580 (High Pressure)	0386-0857	4,000	28,000	0-1000	0-7000	0-800	0-5500
GP250-500-580	0386-0875	4,000	28,000	600	4,000	0-500	0-3500
245-02P Nitrogen CGA-580	0386-0813	4,000	28,000	400	2,800	0-250	0-1750
245-03P Nitrogen CGA-580	0386-0814	4,000	28,000	600	4,200	0-500	0-3500

NITROGEN PURGE ACCESSORIES



NFM-TT
Nitrogen Flowmeter
Part No. 0386-0849
Features:
- Outflow 0 to 75 SCFH and 0 to 35 LPM
- 1/4" F.F. Inlet, Max Inlet Pressure 50 PSI
- Provides Visual Confirmation of Gas Flow
- Over-Pressure Safety Relief Valve
- Brass Body Construction
- 1/4" M.F. Outlet

Model	Part No.	Description
NFM-TT	0386-0649	Nitrogen Flowmeter
BG	0660-0105	Blow Gun
BGH	1412-0145	1/4" Blow Gun Hose
–	1421-0075	250 Gauge Guard
TT-20	1421-0058	20 cu ft Carrying Tote
TT-40	1421-0059	40 cu ft Carrying Tote



BG
Blow Gun
Part No. 0660-0105



BGH
Blow Gun Hose
Part No. 1412-0145



250 Gauge Guard
Part No. 1421-0075



TT-20
20 cu ft Carrying Tote
Part No. 1421-0058



TT-40
40 cu ft Carrying Tote
Part No. 1421-0059

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

ESAB® REBEL™ SERIES - MULTI-PROCESS WELDING SYSTEMS



The Rebel Series Welding Machines offer 120/230V flexibility and some of the most innovative welding technology available. A breakthrough design inspired by professional welders, Rebel is a complete package ready to weld anything – mild steel, aluminum, stainless steel – and go anywhere.



Features:

- True multi-process performance for best-in-class MIG, Flux-Cored, Stick, including 6010 Stick electrodes, and Lift TIG welding with Rebel EMP 215ic
- Exclusive sMIG (“smart MIG”) feature continuously learns and adapts to the operator’s welding technique to provide a stable arc and superior, repeatable welds; increases productivity for the experienced welder, and reduces training time for novice welders
- Innovative display has larger screen and higher pixel density to provide a clearer view of the TFT screen than other light industrial welders; loaded with exclusive features: on-demand availability of the user’s manual, listing of spare parts – all in multiple languages
- Unique, five-handle roll cage industrial design and unibody steel construction in a lightweight, highly portable unit; 3-year handle-to-handle warranty

SPECIFICATIONS	
Maximum Output	240 Amp
MIG (GMAW/FCAW) Welding Output @104˚F (40˚C)	130A/20.5V (120V) @ 20% Duty Cycle
	205A/24.3V (230V) @ 25% Duty Cycle
STICK (SMAW) Welding Output @104˚F (40˚C)	90A/23.6V (120V) @ 40% Duty Cycle
	180A/27.2V (230V) @ 25% Duty Cycle
TIG (GTAW) Welding Output @104˚F (40˚C)	130A/15.2V (120V) @ 40% Duty Cycle
	180A/17.2V (230V) @ 30% Duty Cycle
Current Range	5-150A (120V), 5-240A (230V)
MIG Welding Voltage Range	10 – 26 Volt
Wirefeed Speed Range	59 – 476 IPM (1.5 – 12.1 m/min)
Nominal OCV Volt/DC	90 Volt
Maximum Plate Thickness	3/8" (12.7 mm)
Wire Diameter Range	
Mild Steel:	.023" – .035" (0.6 – 0.9 mm)
Stainless Steel:	.023" – .035" (0.6 – 0.9 mm)
Aluminum:	.030" – .045" (0.8 – 1.2 mm)
Flux Cored:	.030" – .045" (0.8 – 1.2 mm)
Spool Size Capacity	4" & 8" (100 & 200 mm)
Power Source Weight	40 lbs (18.2 kg)
Primary Power	
Primary Voltage	120VAC, 208//230 VAC Dual Voltage
Supply Voltage Range	90 – 270 VAC
Number of Phases	Single Phase
Supply Frequency	50/60Hz
Lead Cord Length	6.5 ft (2 m)



CHOOSE FROM 3 WELDING SYSTEMS:

REBEL™ EMP 215ic
Multi-Process MIG/Stick/TIG Welding System
Part No. 0558102240

System Includes:
- ESAB® Rebel Welding Power Source
- Tweco Fusion® 180 MIG Gun with 10 ft (3 m) Cable
- Spare MIG Gun parts kit, including bonus Contact Tips and Drive Rolls for .023" (0.6 mm), .030" (0.8 mm) and .035" (0.9 mm) wire diameter
- ESAB 70S-6 .030 4" (101.6 mm), 2 lbs (.9 kg) sample Spool
- Victor® Argon Flowgauge Regulator with 12.5 ft (3.8 m) Gas Hose
- Tweco® 200A Ground Clamp with Lead
- Tweco 200A Electrode Holder with 13 ft (4 m) Cable
- Four general purpose (E6013) Stick Electrodes
- Tweco 17V style TIG Torch and Accessories
- 120V – 230V Power Adapter

REBEL EMS 215ic
MIG/Stick Welding System
Part No. 0558102239

System Includes:
- All of the components in the Rebel EMP 215ic (0558102240) welding package with the exception of the Tweco TIG Torch and Accessories

REBEL EM 215ic
MIG Welding System
Part No. 0558102236

System Includes:
- All of the components in the Rebel EMP 215ic (0558102240) welding package with the exception of the Tweco TIG Torch and Accessories, Electrode Holder and Stick Electrodes

Model Description	Part No.	Processes	sMIG	Delivery Range	
				P.S.I.G.	KPA
Rebel EMP 215ic Multi-Process MIG/TIG/Stick Package	0558102240	MIG/Stick/TIG	Yes	0-800	0-5500
Rebel EMS 215ic MIG/Stick Package	0558102239	MIG/Stick	Yes	0-500	0-3500
Rebel EM 215ic MIG Package	0558102436	MIG Only	No	0-250	0-1750

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

ESAB® FABRICATOR® SERIES - MULTI-PROCESS WELDING SYSTEMS

MIG | FLUX-CORED | STICK | TIG | WARRANTY 3 YEARS

The ESAB Fabricator Series, with its 3-in-1 inverter technology, provides outstanding MIG, Stick and Lift TIG performance. You can tackle steel, stainless and aluminum projects with a single welding system. Even better, compact and lightweight Fabricator welders go wherever the work takes you. 3-in-1 welders are a great value and cost about the same as competitive MIG-only units but deliver multi-process welding outputs – that's like getting a FREE Stick/TIG inverter. ESAB Fabricator welding systems are the total package with the most trusted brands in the industry: Tweco Fusion® MIG guns, Tweco Velocity™ MIG consumables, Tweco® electrode holders and ground clamps and Victor® gas regulators.

Designed to be the perfect small welder, the Fabricator 141i connects to 120 VAC primary power and offers 10 to 140 amps of power for MIG and Lift TIG welding. It also delivers 90 amps of power for Stick welding with general-purpose electrodes like E6011 and E6013. Ideal for welding material up to 3/16" thick, this fully integrated system incorporates a built-in gas solenoid valve and wire feed system that accepts 4" or 8" spools of wire for MIG welding.

Features:

- Inverter Technology for optimized arc performance with all welding processes
- Easy-to-Use Digital meters make setting parameters a snap
- MIG Inductance and Stick Arc Force controls to fine-tune the arc makes welding easier, whether you're a novice or a pro



SPECIFICATIONS	
Maximum Output	140 Amp
MIG (GMAW/FCAW) Welding Output @104˚F (40˚C)	140A / 19V @ 15% Duty Cycle
	90A / 18.5V @ 20% Duty Cycle
STICK (SMAW) Welding Output @104˚F (40˚C)	90A / 23V @ 15% Duty Cycle
	90A / 23.2V @ 35% Duty Cycle
TIG (GTAW) Welding Output @104˚F (40˚C)	140A / 15.6V @ 15% Duty Cycle
	100A / 14V @ 20% Duty Cycle
Current Range	10A – 140 Amp
MIG Welding Voltage Range	14.5 – 19 Volt
Nominal OCV Volt/DC	53 Volt
Rated kVA	5 kVA @ 140 Amps
Wirefeed Speed Range	90 – 390 IPM (2.3 – 9.9 m/min)
Nominal OCV Volt/DC	53 Volt
Maximum Plate Thickness	3/16" (4.8 mm)
Wire Diameter Range	
Solid:	.023" – .030" (0.6 – 0.8 mm)
Stainless Steel:	.023" – .030" (0.6 – 0.8 mm)
Aluminum:	.030" (0.8 mm)
Flux Cored:	.030" – .035" (0.8 – 0.9 mm)
Spool Size Capacity	4" & 8" (100 & 200 mm)
Power Source Weight	32.2 lbs (14.6 kg)
Primary Power	
Primary Voltage	120 VAC
Supply Voltage Range	95 – 140 VAC
Number of Phases	Single Phase
Supply Frequency	50/60Hz
Power Cord	10 ft (3 m)

ESAB FABRICATOR 141i

Multi-Process 3-in-1 MIG/Stick/TIG Welding System

Part No. W1003141

System Includes:

- Fabricator 141i Power Supply
- Tweco Fusion 140 Amp MIG Gun with 10 ft (3 m) Cable
- Victor Argon Flowgauge Regulator with 12.5 ft (3.8 m) Hose
- Electrode Holder with 13 ft (4 m) Lead
- Ground Clamp with 10 ft (3 m) Lead
- 3 Bonus Contact Tips & 2 Drive Rolls
- 4 General Purpose Stick Electrodes (E6013)
- Power Cord 10 ft (3 m) and NEMA 5-20P 120V AC Plug
- 120V – 230V Power Adapter, 20A to 15A
- Shoulder Strap, Operator's Manual & CD

Multi-Process 3-in-1 MIG/Stick/TIG Welding System with Utility Cart

Part No. W1003142

System Includes:

- All of the components listed above in the Fabricator 141i Multi-Process Welding System ***PLUS...***
  - Basic Utility Cart

The Fabricator® 252i is the most powerful of all the 3-in-1 machines -- with a maximum output of 300 Amps it can provide the performance you need. It has the power to run .045" Flux-Cored wire or MIG weld 1/2" steel in the spray transfer mode, an amazingly crisp short circuit MIG arc for sheet metal and can TIG weld down to 5 amps when precision counts. Dual gas connections on the back of the unit speed change-over when switching between processes that require different shielding gases. The Fabricator 252i is complete out of the box, yet is also available in packages with a single cylinder or dual cylinder cart. Built with quality Tweco and Victor components, digital meters, and excellent output for all three processes, this system is built for professional grade performance. The Fabricator 252i welding characteristics are optimized to supply the best welding performance whether in the MIG, TIG or Stick modes, the possibilities for this machine are endless.



ESAB FABRICATOR 252i

Multi-Process 3-in-1 MIG/Stick/TIG Welding System

Part No. W1004401

System Includes:

- Fabricator 252i Power Supply
- Tweco Fusion® 250 Amp MIG Gun with 15 ft (4.6 m) Cable
- Victor® EDGE™ Argon Flowgauge Regulator with 12.5 ft (3.8 m) Gas Hose
- Tweco® 200 Amp Electrode Holder with 13 ft (4 m) Lead
- Tweco 200 Amp Ground Clamp with 10 ft (3 m) Lead
- 3 Bonus Contact Tips & 3 Drive Rolls
- 4 General Purpose Stick Electrodes (E6013)
- Power Cord, 9 ft (2.75 m) and NEMA 6-50P 230VAC Plug
- Outlet Guide, .023" (0.6 mm), Operator's Manual & CD

SPECIFICATIONS	
Maximum Output	300 Amp
MIG (GMAW/FCAW) Welding Output @104˚F (40˚C)	250A / 26.5V @ 40% Duty Cycle
	200A / 24V @ 60% Duty Cycle
	150A / 21.5V @ 100% Duty Cycle
STICK (SMAW) Welding Output @104˚F (40˚C)	230A / 29.2V @ 40% Duty Cycle
	200A / 28V @ 60% Duty Cycle
	150A / 26V @ 100% Duty Cycle
TIG (GTAW) Welding Output @104˚F (40˚C)	250A / 20V @ 40% Duty Cycle
	200A / 18V @ 60% Duty Cycle
	150A / 16V @ 100% Duty Cycle
Current Range	10 – 300 Amp
MIG Welding Voltage Range	14 – 30 Volt
Nominal OCV Volt/DC	72 Volt
Rated kVA	8.2 kVA @ 250 Amps
Wirefeed Speed Range	67 – 700 IPM (1.7 – 17.8 m/min)
Maximum Plate Thickness	1/2" (12.7 mm)
Wire Diameter Range	
Mild Steel:	.023" – .045" (0.6 – 1.2 mm)
Stainless Steel:	.023" – .035" (0.6 – 0.9 mm)
Aluminum: (with Spool Gun)	.030" – 3/64" (0.8 – 1.2 mm)
Flux Cored:	.030" – .045" (0.8 – 1.2 mm)
Spool Size Capacity	4", 8" & 12" (100, 200 & 300 mm)
Power Source Weight	65.3 lbs (29.6 kg)
Primary Power	
Primary Voltage	208/230 VAC
Supply Voltage Range	187-276 VAC
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Power Cord	9 ft (2.75 m)
Maximum Input Current	39.5 Amp

Multi-Process 3-in-1 MIG/Stick/TIG Welding System with Single Cylinder Cart

Part No. W1004402

System Includes:

- All of the components listed above in the Fabricator 252i Multi-Process Welding System ***PLUS...***
  - Single Cylinder Cart with Parts Storage Box and Accessory Drawer

Multi-Process 3-in-1 MIG/Stick/TIG Welding System with Dual Cylinder Cart

Part No. W1004403

System Includes:

- All of the components listed above in the Fabricator 252i Multi-Process Welding System ***PLUS...***
  - Dual Cylinder Cart with 2 Parts Storage Boxes and Accessory Drawers
  - Extra Flowgauge Regulator & Gas Hose, TIG Rod & Stick Electrode Storage Canisters, Spool Gun, TIG Torch & Accessories

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

ESAB® AC/DC SERIES - PORTABLE AC/DC HF TIG/STICK SYSTEMS

HF TIG | LIFT TIG | STICK | WARRANTY 3 YEARS

The ESAB AC/DC Series, with its leading technology, has changed the game and set a new standard for portable welding equipment. Delivering HF TIG, Lift TIG, and Stick capability from one integrated portable system. They have been designed to provide users with total welding flexibility and optimized welding performance with each process.



Features:

- Digital Control Platform with Voltage and Amperage controls for extreme accuracy
- Wire Speed Meters with preview monitoring and hold capabilities to maintain welding parameters for easy setup
- Power Factor Correction reduces power consumption and allows maximum performance
- Comprehensive Setup Chart for optimum welding performance over a wide range of materials
- Remote Receptacle enables connection of remote control devices like a foot pedal and torch slide control

ESAB ET 141i AC/DC

TIG/Stick Welding System

Part No. W1006311

System Includes:

- ET 141i AC/DC Power Supply
- Tweco® TIG Torch & Accessories, 17 Style, 13 ft (4 m) Lead
- Victor® Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose
- Tweco 150 Amp Electrode Holder with 13 ft (4 m) Lead
- Tweco 150 Amp Ground Clamp with 10 ft (3 m) Lead
- 4 General Purpose Stick Electrodes (E6013)
- Power Cord 10 ft (3 m) and NEMA 5-20P 120V AC Plug
- 120V – 230V Power Adapter, 20A to 15A
- Operator's Manual & CD

TIG/Stick Welding System with Remote Foot Pedal

Part No. W1006313

System Includes:

- All of the components listed above in the ET 141i AC/DC TIG/Stick Welding System ***PLUS...***
  - Remote Foot Pedal

TIG/Stick Welding System with Remote Foot Pedal and Utility Cart

Part No. W1006314

System Includes:

- All of the components listed above in the ET 141i AC/DC TIG/Stick Welding System ***PLUS...***
  - Remote Foot Pedal
  - Basic Utility Cart

SPECIFICATIONS	
Maximum Output	140 Amp
TIG (GTAW) Welding Output @104˚F (40˚C)	140A / 15.6V @ 20% Duty Cycle
	75A / 13V @ 60% Duty Cycle
	60A / 12.4V @ 100% Duty Cycle
STICK (SMAW) Welding Output @104˚F (40˚C)	90A / 23.6V @ 20% Duty Cycle
Amperage Current Range	10 – 140 Amp
Maximum Open Circuit Voltage	77.6 VDC / 92.8 VAC
Power Source Weight	48.4 lbs (22 kg)
Primary Power	
Primary Voltage	Nominal 120 VAC
Supply Voltage Range	108 – 132 VAC
Number of Phases	Single Phase
Supply Frequency	50/60Hz
Power Cord	10 ft (3 m)

ESAB® ET 186i AC/DC - PORTABLE AC/DC HF TIG/STICK SYSTEMS

HF TIG | LIFT TIG | STICK | WARRANTY 3 YEARS

All ESAB AC/DC portable power systems are multi-process, complete TIG and Stick welding solutions. High output duty cycle is ready to work with fully featured professional performance capability and preset controls for ease of use in DYI applications. Lightweight and reduced in size for versatility and portability, ESAB ET 186i AC/DC systems meet the rigorous demands of a broad scope of welding applications:

Features:

- AC and DC output for aluminum and non-ferrous alloys, stainless, mild steel & chrome molys
- Power Factor Correction reduces power consumption and allows maximum performance
- Fixed Hot Start and Adjustable Arc Force Control for optimum Stick electrode performance
- Comprehensive Setup Chart for optimum welding performance over a wide range of materials
- Overload Protection shuts down the power source to protect the internal electrical components from overheating



ESAB ET 186i AC/DC

TIG/Stick Welding System

Part No. W1006301

System Includes:

- ET 186i AC/DC Power Supply
- Tweco® TIG Torch & Accessories, 26 Style with integrated controls (3 control modules included), 13 ft (4 m) Lead
- Victor® Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose
- Tweco 200 Amp Electrode Holder with 13 ft (4 m) Lead
- Tweco 200 Amp Ground Clamp with 10 ft (3 m) Lead
- 4 General Purpose Stick Electrodes (E6013)
- Power Cord 9 ft (2.75 m) and NEMA 6-50P 230V AC Plug
- Shoulder Strap
- Operator's Manual & CD

SPECIFICATIONS	
Type: Constant Current	HF TIG, Lift TIG, & Stick Welder
Maximum Output	200 Amp
TIG (GTAW) Welding Output @ 104°F (40°C)	200A / 18V @ 20% Duty Cycle
	116A / 14.6V @ 60% Duty Cycle
	90A / 13.6V @ 100% Duty Cycle
STICK (SMAW) Welding Output @ 104°F (40°C)	170A / 26.8V @ 15% Duty Cycle
	100A / 24.0V @ 60% Duty Cycle
	80A / 23.2V @ 100% Duty Cycle
Current Range: TIG	10 - 200 Amp
STICK	10- 170 Amp
Nominal OCV Volt	70.3 VDC / 50 VAC
Power Source Weight	48.4 lbs (22 kg)
Primary Power	
Primary Voltage	208/230 VAC
Supply Voltage Range	187 – 253 VAC
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Power Cord	10 ft (3 m)
Maximum Input Current	35.6 Amp

TIG/Stick Welding System with Remote Foot Pedal

Part No. W1006303

System Includes:

- All of the components listed above in the ET 186i AC/DC TIG/Stick Welding System ***PLUS...***
  - Remote Foot Pedal

TIG/Stick Welding System with Remote Foot Pedal and Utility Cart

Part No. W1006304

System Includes:

- All of the components listed above in the ET 186i AC/DC TIG/Stick Welding System ***PLUS...***
  - Remote Foot Pedal
  - Basic Utility Cart

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

ESAB® MINIARC 161LTS - PORTABLE STICK/TIG DC WELDING SYSTEM

LIFT TIG | STICK | WARRANTY 3 YEARS

Portable DC Welders are fully featured, easy to use machines, delivering higher output and duty cycles with professional performance. Stick and Lift TIG capabilities allow you to cover a wide range of maintenance and repair jobs, as well as light industrial fabrication applications. The MiniArc 161LTS is the welder's choice for a Stick/TIG package. This lightweight welding machine is packed full of features giving you the ability to tackle any job with ease. System comes fully assembled, ready to weld.

Features:
- Automatic Primary Select operates on either 120V or 230V and automatically configures to the primary input supplied
- Able to use cellulosic 6010 electrodes with ease
- 13.6 kg (18 lbs.) weight with adjustable shoulder strap and carrying case makes this unit portable and easy to carry directly to the job
- 5A to 160A current range for DC welding
- Hot Start, Arc Force and Lift Arc TIG are standard on all models



ESAB MINIARC 161LTS

Stick Welding System (SMAW)
Part No. 0558101694

System Includes:
- Power Source with 10 ft (3 m) Power Cord
- 120V – 230V Power Adapter with 10 ft (3 m) Cable
- Heavy Duty Ground Clamp with 10 ft (3 m) Cable
- Heavy Duty Electrode Holder with 10 ft (3 m) Cable
- Sample pack of ESAB Electrodes

Stick Welding System with Carrying Case
Part No. 0558011634

Includes:
- All of the components listed above in the MiniArc 161LTS Stick Welding System ***PLUS...***
  - Carrying Case (0558011934)

Stick/TIG Welding System (GTAW)
Part No. 0558101699

System Includes:
- All of the components listed above in the MiniArc 161LTS Stick Welding System ***PLUS...***
  - HW-17FV TIG Torch with 20 ft (6 m) Lead Assembly and TIG (GTAW) torch accessory kit (0558101723)
  - R33-FM-580 Regulator/Flowmeter (21577)

Stick/TIG Welding System with Carrying Case
Part No. 0558102202 *(pictured above)*

Includes:
- All of the components listed above in the MiniArc 161LTS Stick/TIG Welding System ***PLUS...***
  - Carrying Case (0558011934)

SPECIFICATIONS	
Maximum Output	160 Amp
STICK (SMAW) 120V Welding Output @104˚F (40˚C)	110A / 24.4V @ 35% Duty Cycle
	60A / 22.4V @ 100% Duty Cycle
STICK (SMAW) 230V Welding Output @104˚F (40˚C)	160A / 26.4V @ 35% Duty Cycle
	88A / 23.5V @ 100% Duty Cycle
TIG (GTAW) 120V Welding Output @104˚F (40˚C)	110A / 14.4V @ 35% Duty Cycle
	60A / 12.4V @ 100% Duty Cycle
TIG (GTAW) 230V Welding Output @104˚F (40˚C)	160A / 16.4V @ 35% Duty Cycle
	88A / 16.4V @ 100% Duty Cycle
Output Current Range STICK (SMAW)	120V 5 – 110 Amp
	230V 5 – 160 Amp
Output Current Range TIG (GMAW)	120V 5 – 110 Amp
	230V 5 – 160 Amp
Nominal OCV Voltage (Max)	80 Volt
Efficiency	80%
Power Factor	0.73
Power Source Weight	18 lbs (13.6 kg)
Primary Power	
Primary Voltage	120-208/230 VAC
Supply Voltage Range	187-276 VAC +/- 15% Tolerance
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Power Cord	10 ft (3 m)

ESAB® ES 95i - PORTABLE STICK/TIG DC WELDING SYSTEM

LIFT TIG | STICK | WARRANTY 3 YEARS

The 95i DC Stick and Stick/TIG welding systems are lightweight at only 4.4 kg (9.7 lbs) for portability, suitable for outdoor use, and comes complete with everything you need to start welding.



Features:

- High 95 Amp Welding Output
- Excellent, Smooth and Stable Arc Performance
- Highly Efficient Inverter Design
- Ultra-Light for Maximum Portability (9.7 lbs - 4.4 kg)
- Simple and Easy, Ready to Weld Package*
- DC output for TIG welding stainless, mild steel, and chrome molys
- Lift TIG Start provides optimized TIG arc starting without the use of high frequency
- 90 A of output capable of welding 2.4 mm (3/32 in.) electrodes
- Fixed Hot Start & Arc Force for optimum Stick electrode performance
- Overload Protection shuts down the power source to protect the internal electrical components

SPECIFICATIONS	
Maximum Output	95 Amp
TIG (GTAW) Welding Output @104˚F (40˚C)	85A / 13.4V @ 25% Duty Cycle
	95A / 13.8V @ 20% Duty Cycle
STICK (SMAW) 230V Welding Output @104˚F (40˚C)	60A / 22.4V @ 45% Duty Cycle
	90A / 23.6V @ 20% Duty Cycle
Output Current Range TIG	10 – 95 Amp
Output Current Range STICK	10 – 90 Amp
Nominal OCV Voltage (Max)	60 VDC
Supply Plug	NEMA 5-20P
Rated kVA @ Max Amp	6 kVA
Power Source Weight	9.7 lbs (4.4 kg)
Primary Power	
Primary Voltage	120 VAC
Supply Voltage Range	104 - 127 VAC
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Power Cord	10 ft (3 m)

ESAB ES 95i

Stick Welding System

Part No. W1003209

System Includes:

- ES 95i Portable DC Welding Power Supply
- Tweco® Style Electrode Holder with 10 ft (3 m) Lead
- Tweco Style Ground Clamp with 10 ft (3 m) Lead
- 20 Amp Adapter Plug and Cable
- 4 General Purpose Electrodes
- Carrying Case
- Operator Manual and CD

Stick/TIG Welding System

Part No. W1003210

System Includes:

- All of the components listed above in the ES 95i DC Stick Welding System ***PLUS...***
  - TIG Torch, 17V style with 10 ft (3 m) Lead Assembly
  - TIG Torch Accessories Kit
  - Victor® Argon Flowgauge Regulator

** Shielding gas required for TIG process.*

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

THERMAL DYNAMICS® CUTMASTER® 42 - PORTABLE PLASMA CUTTING SYSTEM

PAW PLASMA | WARRANTY 1 YEAR

The Cutmaster 42 is one of the most affordable, highest quality plasma systems on the market today. The Cutmaster TRUE Series offers lighter, more portable machines without compromising performance. As part of the TRUE Series, you can rely on the Cutmaster 42 to cut all day at its recommended cutting capacity and to pack more punch when you need it.

Features:

- The only product in its class that provides increased power when switching from 120V to 230V
- Competitively priced for the 1/4" (6 mm) market, but with the cut capacity of a larger machine
- Featuring the SL40™ torch, based on the proven SureLok® technology platform
- Vent2Shield™ (V2S) allows the use of considerably smaller compressors compared to similar 40 Amp units
- Only 40 Amp unit on the market with quick disconnect torch (ATC®) and lead extensions

SPECIFICATIONS	
Output Power	3.8 kW
Maximum Output	27A @ 120V
	40A @ 230V
Recommended Cut	1/4" (6 mm) @ 120V
	3/8" (10 mm) @ 230V
Maximum Cut	5/8" (15 mm) @ 120V
	7/8" (22 mm) @ 230V
Pierce Rating	1/4" (6 mm) @ 120V
	3/8" (10 mm) @ 230V
Amperage Draw	29A @ 120V
	15A @ 230V
Duty Cycle (@40˚C)	40% @ 40A
Power Source Weight	26 lbs (11.8 kg)
Primary Power	
Primary Voltage	120-208/230 VAC
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Power Cord	10 ft (3 m)
Torch Information	
Torch Model	SL40 with 15 ft (4.5 m) Lead
Air Pressure	75 psi (5.2 bar)
Air Flow	3.2 cfm (91 lpm)



CUTMASTER 42

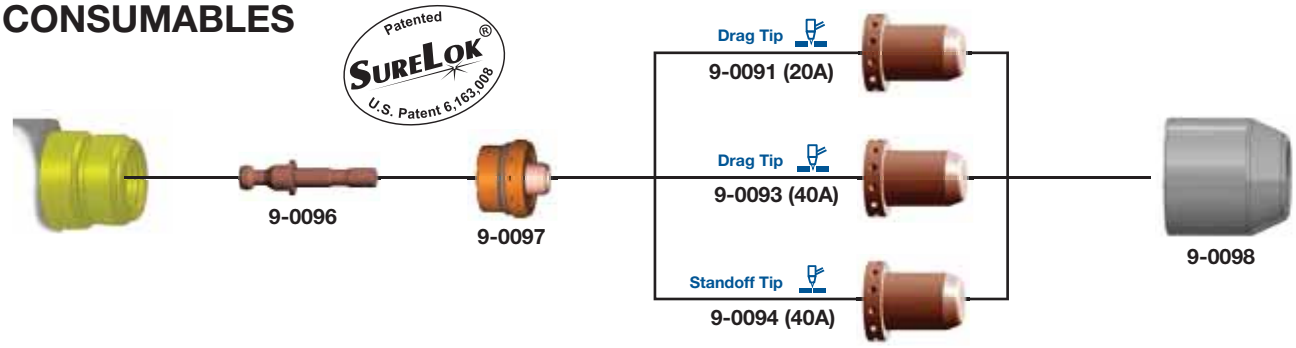
Portable Plasma Cutting System

Part No. 1-4200

System Includes:

- Cutmaster 42 Power Source with 10 ft (3 m) Lead
- SL40 Torch with 15 ft (4.5 m) Lead
- Safety Gloves & Glasses
- Consumables Set
- Heavy Duty Carrying Case
- Power Plug Adapters
- Instructional Plasma Cutting DVD

CONSUMABLES



AIRCUT® 15C - PORTABLE PLASMA CUTTING SYSTEM

PAW PLASMA | WARRANTY 1 YEAR

TurboTorch® offers accessories to help improve cutting performance. Look for the TurboTorch mark on your plasma consumable parts for genuine TurboTorch consumables. This unit comes standard with a built-in internal air compressor that can be plugged in anywhere. Easy to use with superior cutting capacity.

Features:

- 25% more cutting power provides 25% faster cut speeds than the competition
- Lightweight only 29 lbs (13.2 kg) nearly 50% lighter than the competition





AIRCUT 15C

Portable Plasma Cutting System

Part No. 1-1110-1

System Includes:

- Power Supply with 20 ft (6.1 m) Lead
- PCH-10 Torch with 70 degree Head
- 8.5 ft (2.6 m) Input power cable and plug
- 19.5 ft (5.9 m) Work Cable
- Operating Manual

Part No.	Product Description
1-1110-1	AirCut Portable Plasma Cutting System
2-1020	PCH-10 Torch (70°) with 20 ft (6.1 m) Lead
7-8910	Cutting Guide Kit
9-1260	20 ft (6.1 m) Leather Leads Cover
9-6003	Shield Cup
9-6099	Tip - Air, 0.028 Orifice
9-6005	Gas Distributor
9-6006	Electrode

Torch Consumables



Shield Cup 9-6003 | Tip 9-6099 | Gas Distributor 9-6005 | Electrode 9-6006

SPECIFICATIONS	
Maximum Output	15A @ 120V Fixed
Maximum Cut Capacity	3/16" (5 mm) @ 120V
Recommended Cut Capacity	1/8" (3 mm) @ 120V
Gas Type	Air Compressor (built-in)
Pilot	CD Start
Amperage Draw	12A @ 120V
Duty Cycle (@40°C)	35% @ 15A
Power Source Weight	29 lbs (13.2 kg)
Primary Power	
Primary Voltage	120 VAC (± 10%),
Number of Phases	Single Phase
Supply Frequency	50/60 Hz
Power Cord	19.5 ft (5.9 m)
Torch Information	
Torch Model	PCH-10 Torch with 70° head
Air Pressure	75 psi (5.2 bar)
Air Flow	3.2 cfm (91 lpm)

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

ESAB® WELDING ELECTRODES

You want a stick electrode you can trust. That's just what you'll find with ESAB's electrodes. No matter the project, ESAB electrodes offer the ease of use, superior welding performance, tough mechanical properties, and consistent quality you need to get the job done.

Each electrode is unique and when working with different materials (Steel, Stainless Steel, Cast Iron, etc.) they require different preparations. So find the electrode that best fits your application, and get ready to take your welding to the next level.



SUREWELD 6010 ELECTRODES

Sureweld 6010 is an all-position, quick solidifying cellulosic type electrode with minimal spatter and excellent arc control. Used to weld low alloy and high resistance steels, 1/4" or less, welding of holding tanks, freight cars, and truck chassis.
CLASSIFICATION: AWS A5.1, E6010

Sureweld 6010 Electrodes

Type 6010	5 lb Box	44 lb Box
1/8" x 14"	812000024	812000032
3/16" x 14"	N/A	812000065
3/32" x 14"	812000008	812000016
5/32" x 14"	812000040	812000057

SUREWELD 6011 ELECTRODES

Sureweld 6011 is an all-position, cellulosic type electrode designed for AC, producing an easily controlled forceful arc with deep penetration and a high quality weld metal. Used primarily for welding mild steels applications, buildings, piping, shipbuilding, pressure vessels and tanks.
CLASSIFICATION: AWS A5.1, E6011

Sureweld 6011 Electrodes

Type 6011	5 lb Box	50 lb Box
1/8" x 14"	812000099	812000107
3/16" x 14"	N/A	812000131
3/32" x 14"	812000081	812000073
5/32" x 14"	812000115	812000123

SUREWELD 6013 ELECTRODES

Sureweld 6013 is an all-position electrode with arc power that allows depositing quick welds, medium penetration, and good appearance. Used on a wide array of mild steel fabrication, welding vehicle bodies, ducts chassis, freight cars, ornamental jobs and thin-sheet structures.
CLASSIFICATION: AWS A5.1, E6013

Sureweld 6013 Electrodes

Type 6013	5 lb Box	44 lb Box
1/8" x 14"	812000156	812000164
3/32" x 14"	812000149	N/A
3/32" x 14"	812000172	N/A

SUREWELD 7014 ELECTRODES

Sureweld 7014 is an iron powder coated electrode permitting the use of higher welding currents while improving the deposition rate. Used for welding mild steels, construction equipment, metal fixtures, automotive parts, barges and farm machinery.
CLASSIFICATION: AWS A5.1, E7014

Sureweld 7014 Electrodes

Type 7014	5 lb Box	50 lb Box
1/8" x 14"	812000206	812000214
3/32" x 14"	812000180	812000198
3/32" x 14"	812000222	812000230

ATOM ARC 7018 ELECTRODES

Atom Arc 7018 is an all-position low hydrogen moisture resistant electrode. This premium quality electrode meets a multitude of codes was developed to weld carbon and low-alloy steels, including a variety of harden-able steels.
CLASSIFICATION: ASME SFA 5.1, AWS A5.1, E7018 H4R



Atom Arc 7018 Electrodes

Type 7018	10 lb Box	50 lb Box
1/8" x 14"	255011827	255011819
3/16" x 14"	255013120	255013112
3/32" x 14"	255013328	255013310
5/32" x 14"	255015323	255015315
1/4" x 14"	N/A	255011413
7-32" x 14"	N/A	255017311

ESAB® ER5356 ALUMINUM WIRE

ESAB 5356 is a non-heat treatable solid aluminum wire for moderate high strength applications. Principle alloy elements include Magnesium, Manganese, Chromium and Titanium.
CLASSIFICATION: AWS A5.10, ER5356



ER5356 Aluminum Wire

Part No.	Spool Size	Wire Size
181508245A	14 lbs	.030"
181509243A	16 lbs	.035"
181516242A	20 lbs	1/16"
181512242A	20 lbs	3/64"
181512944A	311 lbs	3/64"

ESAB ER4043 ALUMINUM WIRE

ESAB 4043 is one of the oldest and most widely used welding and brazing alloys. It can be classified as a general purpose type filler alloy. This alloy is less sensitive to weld cracking and produces brighter, almost smut free welds.

CLASSIFICATION: AWS A5.10, ER4043

ER4043 Aluminum Wire

Part No.	Spool Size	Wire Size
180408245A	14 lbs	.030"
5202F04	14 lbs HQ	.030"
180409243A	16 lbs	.035"
5202F05	16 lbs HQ	.035"
180410944A	311 lbs	.040"

Part No.	Spool Size	Wire Size
5202F07	16 lbs HQ	3/64"
180412242A	20 lbs	3/64"
5206F87	20 lbs HQ	3/64"
5203F07	167 lbs HQ	3/64"
5203F08	16 lbs HQ	1/16"

Part No.	Spool Size	Wire Size
180416242A	20 lbs	1/16"
5206F88	20 lbs HQ	1/16"
5203F08	167 lbs HQ	1/16"
180416944A	11 lbs	1/16"
5202F10	16 lbs HQ	3/32"

ESAB ER70S-6 MIG WIRE

ESAB Weld 70S-6 is a copper-coated AWS ER70S-6 solid wire, suited for general purpose, manual and semiautomatic applications in most industries. It is manufactured under ESAB's Quality Control programs and meets AWS standards.
CLASSIFICATION: AWS A5.18, ER70S-6

ER70S-6 MIG Wire

Part No.	Spool Size	Wire Size
321M096700	33 lbs	.035"
321M095920	550 lbs	.035"
321M116700	33 lbs	.045"
321M115920	550 lbs	.045"

ESAB ER308L MIG WIRE

A continuous solid corrosion resisting chromium-nickel wire for welding of austenitic chromium nickel alloys. The higher silicon content improves the welding properties, such as wetting. The alloy is widely used in the chemical and food processing industries as well as for pipes, tubes and boilers.
CLASSIFICATION: AWS A5.9, ER308L

ER308L Stainless Steel MIG Wire

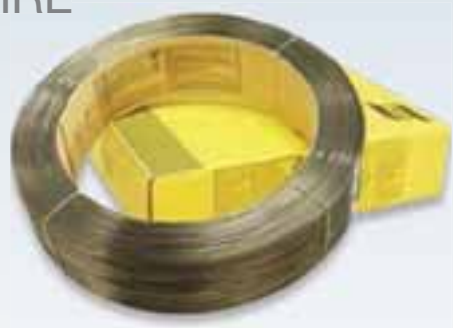
Part No.	Spool Size	Wire Size
1612099820	15 kg	.035"
1612119820	15 kg	.045"

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

ESAB® CORESHIELD 40 FLUX CORED WIRE

Coreshield 40 is a self-shielded flux cored wire primarily designed for multiple pass, horizontal and flat position welding of low and medium carbon steels when toughness is not a requirement. It's designed to operate on DCEP (electrode positive) with longer electrical stickout.

CLASSIFICATION: ASME SFA 5.36, AWS A5.36, E70T4-Z-CS3, ASME SFA 5.20, AWS A5.20, E70T-4



Coreshield 40 Multi-Pass Flux Cored Wire

Part No.	Spool SIze	Wire Size
242201002	50 lbs	3/32"
242201093	500 lbs	3/32"

ESAB CORESHIELD 15 FLUX CORED WIRE



Coreshield 15 is an all-position self-shielded flux cored welding wire for single pass applications. Coreshield 15 is excellent for use on lap and fillet welds on thin gauge galvanized and mild steels in all welding positions.

CLASSIFICATION: AWS A5.20, E71T-14, AWS A5.20, E71T-GS

Coreshield 15 Flux Cored Wire

Part No.	Spool SIze	Wire Size
242201812	10 lbs	.030"
242202190	500 lbs	.030"
242201648	10 lbs	.035"
242201341	10 lbs	.035"
242201606	33 lbs	.035"
242206001	500 lbs	.035"
242206084	600 lbs	.035"

Part No.	Spool SIze	Wire Size
242201614	33 lbs	.045"
242206035	450 lbs	.045"
242203644	600 lbs	.045"
242203669	600 lbs	1/16"
242201622	25 lbs	5/64"
242201689	50 lbs	5/64"

ALL-STATE® WELDING ACCESSORIES - BRAZING PRODUCTS FOR COPPER BASED ALLOYS

All-State Sil-Flo 0

A self-fluxing brazing alloy for copper-to-copper joining for tight fitting (.001" to .002") area.

Part No.	Size	Type
69050055	05-1/8" x 18"	1 lb Tube

All-State Sil-Flo 5

A self-fluxing brazing alloy for copper-to-copper joining where close fit-up cannot be maintained.

Part No.	Size	Type
69060062	05-1/8" x 18"	1 lb Tube

All-State Sil-Flo 15

A self-fluxing brazing alloy for copper-to-copper joining for joints where tight fit-up cannot be held such as HVAC and refrigeration repair.

Part No.	Size	Type
69060072	05-1/8" x 18"	1 lb Tube
69060071	05-1/8" x 18"	10 lb Tube



ALL-STATE® SOLDER FOR ALL METALS (NOT ALUMINUM)



All-State 50/50 Paste Solder

A 50/50 lead/tin solder for sealing, joining or tinning most common metals.

Part No.	Size	Type
69070060	**1 lb**	Plastic Jar

All-State Galvover

Special low-temp alloy used to restore and protect galvanized area.

Part No.	Size	Type
69071170	**1/4" x 14"**	1 lb Tube
69071070	**1/4" x 14"**	3 lb Tube
69070070	**1/4" x 14"**	10 lb Tube

ALL-STATE SOLDER & FLUX FOR ALUMINUM

All-State Rubbon 55

Self-fluxing solder for joining and patching holes in aluminum at low temperatures without flux.

Part No.	Size	Type
69071030	1/8" x 18"	1 lb Tube
69070030	1/8" x 18"	10 lb Tube

All-State Strongset 509

Golden viscous flux for ferrous and nonferrous soldering.

Part No.	Size	Type
69070050	1/16"	1 lb Spool
69070051	1/8"	1 lb Spool
69070053	1/4" x 14"	10 lb Tube

ALL-STATE SOLDER FOR COPPER BASED ALLOYS

All-State AquaSafe 100

Lead/cadmium free solder and flux for joining copper and dissimilar metals in potable water lines.

Part No.	Size	Type
69070201	1/8"	1 lb Spool

All-State DynaGrip 430 Acid Flux Solder

Lead/cadmium free silver bearing low-temperature soft solder that can be used on food, potable water and plumbing applications.

Part No.	Size	Type
69070040	1/32"	1 lb Spool
69070042	1/16"	1 lb Spool
69070043	3/32"	1 lb Spool
69070044	1/8"	1 lb Spool
69070080	8 oz	Paste Jar

ALL-STATE SOLDERING FLUXES

All-State Strongset 509

Golden viscous flux for ferrous and nonferrous soldering.

Part No.	Size	Type
69080226	4 oz	Bottle

All-State Duzall NCR Paste Flux

Used in place of Duzall flux if application calls for non-corrosive flux residue.

Part No.	Size	Type
69080181	4 oz	Jar

All-State Duzall Flux

Clear liquid general purpose soldering flux for use with all soft solders.

Part No.	Size	Type
69080161	4 oz	Bottle
69080162	16 oz	Bottle
69080163	1 Gal	Plastic Jug

All-State DynaGrip 430 Acid Flux Solder

Clear liquid solder flux particularly suited for corrosion resistant steels.

Part No.	Size	Type
69080224	4 oz	Bottle
69080151	1 Gal	Plastic Jug

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

TWECO® AUTO-DARKENING WELDING HELMETS

The Tweco auto-darkening welding helmets provide enhanced performance with four arc sensors at an affordable price. They offer operator comfort due to their lightweight construction and versatility. With superior performance, durability and flexibility, Tweco helmets offer exceptional value in personal welding protection.

Features:

- Four arc sensors for high response and enhanced performance
- Automatically turns from light to dark and dark to light
- Lightweight 16 oz (450 grams) for optimum comfort
- Adjustable welding shade levels from 9 to 13
- Light Shade DIN Level (shade 4)
- UV/IR Protection - Level shade 16 (DIN)
- "Sensitivity" Control Range from Low to high
- Responsive Lens Switching Speed up to 1/30,000 sec (33 microseconds)
- "Delay" Adjustable Controls for switching speeds:
  - "short" = 0.25s to 0.35s
  - "medium" = 0.35s to 0.50s
  - "long" = 0.50s to 0.80s
- Selection for "Welding" or "Grinding" process modes
- Large 3.86" x 1.69" (98 mm x 43 mm) Viewing Area
- Solar-Powered so you don't have to worry about changing batteries
- Economically-priced for an affordable value
- ANSI Z87.1, CE EN 379 and EN 175 Certified
- 2-year warranty backed by Tweco support, quality, and reliability





Stars & Stripes Eagle Helmet*
Part No. 4100-1002



Skull & Fire Helmet*
Part No. 4100-1004



Dragon Helmet*
Part No. 4100-1008

2-YEAR WARRANTY 2 2-YEAR WARRANTY

** Helmet graphics subject to change*











ESAB® AUTO-DARKENING WELDING HELMETS

The ESAB auto-darkening welding helmets have been designed for the professional welder who wants the best in protection and performance. The light-weight shell and ergonomically designed headgear offers maximum comfort even when welding for long periods of time. Featuring the latest in digital lens technology, with internal LCD display, providing the welder full control to adjust shade level, sensitivity and delay settings with precision for any welding application.

Aristo Tech 5-13 Helmet
Part No. 070 000 0374

The Aristo® Tech 5-13 comes in a choice of colored shells. Using a specialized injection moulding process, the lens is pre-moulded into a convex curve with an optical class 1/1/1. Comfortable, light-weight and fully adjustable ratchet style head gear allows the helmet to move closer or further away from the face for maximum comfort.



Aristo Tech 5-13 Helmet
White - Part No. 070 000 0376
Yellow - Part No. 070 000 0375
Black - Part No. 070 000 0374

Features:

- ADF (Auto-Darkening Filter) Lens Technology with variable 5-13 digital control for adjustment of shade level, sensitivity and delay
- Quick Set™ allows an easy change of shade by a simple up and down flick of the switch
- Grind mode activated at lowest sensitivity
- Front Cover Lens coated for increased scratch and heat resistance
- Eliminates threat of duplicate ghost Arcs visible through the cartridge
- Angled front head band with replaceable sweat band
- Total helmet weighs only 1 lb (.45 kg)

Aristo Tech HD 5-13 Helmet
Part No. 070 000 0452

The Aristo® Tech HD stands for “High Definition” - with its new matte black shell and optical class 1/1/1/1 represents the “best in class” performance from an auto-darkening filter cartridge (ADF). The newly developed “X-TIG” feature enhances the ADF’s ability to react in low amp applications and almost eliminates sunlight interference and obstructed sensor occurrences.



Aristo Tech HD Helmet
Part No. 070 000 0452

Features:

- ADF (Auto-Darkening Filter) Lens Technology with variable 5-13 digital control for adjustment of shade level, sensitivity and delay
- 100 mm x 60 mm viewing area
- Grind mode activated at lowest sensitivity
- New ''X-TIG'' mode - Low amp welding function
- Ergonomic head gear, designed for comfort
- Instant longitudinal adjustment
- New matte/carbon black finish
- Conforms to: CE, ANSI, AS/NZS, CSA EN175-B Impact Shell
- Total helmet weighs only 1.2 lb (.55 kg)

New-Tech 9-13 ADC Plus Helmet
Part No. 070 000 0452

The New-Tech™ 9-13 ADC Plus offers our latest ADC Plus Technology which ensures a solid shade level even when viewing the lens at an angle, i.e. positional welding. The cartridge also has improved color and light contrast allowing the welder to distinguish colors through the lens in an open and activated state.



New-Tech 9-13 ADC Plus Helmet
Part No. 070 000 0957
New-Tech 6-13 XL ADC Plus Helmet
Part No. 070 000 0955

Features:

- ADF automatically switches to sleep mode after 10 minutes in darkness
- Powered by solar cells - requires no battery changes
- Black heat reflective shell,
- External grinding mode (New-Tech™ 6-13 XL ADC Plus Helmet only)
- External adjustable shade, sensitivity and delay controls
- Offers complete protection of ears, cheeks and neck
- Helmet shape helps to deflect heat and welding fumes
- Extremely easy to replace the cover lenses
- ESAB’s series of New-Tech ADC Plus helmets are ANSI approved

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

WELDING ACCESSORIES - HOSES

Durable and dependable, long-lasting and flexible, TurboTorch hoses offer exceptional value and proven performance.



252-03P
Oxy/Acetylene
Twin Hose
Part No. 0386-1094
12.5 ft (3.8 m), "A" Fittings

Hose Specifications

Model	Part No.	Description	Fitting	Fuel
252-03P	0386-1094	12½ ft (3.8 m) Twin Hose	"A"	Oxy Acetylene
AH-12	0386-1090	12 ft (3.6 m) Hose	"A"	Acetylene
AH-24	0386-1091	24 ft (7.3 m) Hose	"A"	Acetylene
H-12	1412-0080	12 ft (3.6 m) Hose	"B"	Total LP
H-24	0386-1087	24 ft (7.3 m) Hose	"B"	Total LP
TS-12	0386-1083	12 ft (3.6 m) Hose	"B"	Map-Pro & Propane



H-12
"Total LP"
Hose
Part No. 1412-0080
12 ft (3.6 m), "B" Fittings

WELDING ACCESSORIES - SAFETY PRODUCTS

TurboTorch products offer exceptional value in personal welding protection with superior performance, durability and flexibility.



PL-812
Torch Shield
Part No. 0386-0561

(8" x 12")

The Proline® Torch Shield is manufactured with PyroSil™, an effective heat shield against thermal radiation. The shield is a durable fabric that can be rolled up for convenient storage and features a "center-cut" design making it easy to place around a pipe.

Premium
Welder's Gloves
Part No. 1423-4133

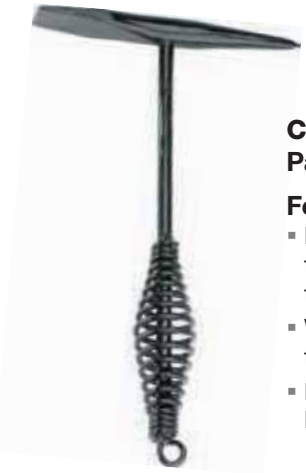
Features:
- Sturdy Suede Leather
- Wing Thumb
- Fully Welted Seams
- 100% Cotton Lining
- 14" Flared Gauntlet Cuff
- Self Hem
- Size: Large



Safety Goggles
Part No. 1423-0017

- Shade #5
- Soft Plastic





Chipping Hammer
Part No. 1423-0086

Features:
- Hammer heads are hardened to precisely controlled temperatures for durability and strength
- Wide-blade design removes slag faster and adds to life of the tool
- Holds up to 10 lbs of 12" or 14" Electrodes



L-1 Single Flint Striker
Part No. 1423-0061



Triple Flint Striker
Part No. 0386-0297



F-1 Flint Refills
For L- Single Flint Striker
Part No. 1423-0024



Flint Refills
For Triple Flint Striker
Part No. 0386-0298



TK Tank Key
Part No. 0386-1226
Fits B & MC Tanks



Tip Cleaner
Part No. 0386-1213



Scratch Brush Specifications

Part No.	Description	Rows	Size
1423-0087	Carbon Steel	3 x 19	1.875"
1423-0082	Stainless Steel	3 x 19	1.875"



Shoe Handle Brush Specifications

Part No.	Description	Rows	Size
1423-0083	Carbon Steel	4 x 16	1.875"
1423-1442	Carbon Steel	4 x 16	1.875"



Welders Toothbrush Style Specifications

Part No.	Description	Rows	Size
1423-0081	Stainless Steel Tinning	3 x 7	0.5"
1423-0084	Brass	3 x 7	0.5"
1423-1400	Brass	2 x 9	0.5"

Canada Customer Care: 1-905-827-4515 / FAX 1-800-588-1714
International Customer Care: 1-940-381-1212 / FAX 1-940-483-8178

TURBOTORCH® IN-STORE DISPLAYS

TurboTorch is the most demanded torch in the plumbing and HVAC market. Offering a full line of air fuel and oxy-fuel torches, equipment and accessories, our product is the first choice of professionals. Maximize your sales of these products by utilizing one of a variety of in-store marketing options.

TOP SELLING SKUs!



Recommended TurboTorch Plumbing & HVAC Products & Placement

Includes Displays in 4 ft & 8 ft Lengths

Easy-to-Read Product Placement Diagrams

Available for both Pegboard & Slatwall Displays

TURBOTORCH PLUMBING/HVAC PLAN-O-GRAM

TurboTorch offers an easy way to set up your in-store displays with the TurboTorch Plan-O-Gram Brochure. Featuring recommended products and placement for both plumbing and HVAC in 4 ft and 8 ft sizes. Ask your TurboTorch Representative about the Plan-O-Gram Brochure (66-1407) or find it online at TurboTorch.com.



Easily step up your TurboTorch Plumbing and HVAC products with the new Display Plan-O-Gram which includes recommended products and product placement on your existing structures, whether pegboard or slatwall. Additionally, TurboTorch offers optional overlay displays with attractive signage, as well as other point-of-sale material, to enhance the look of the storefront.

Plumbing 8 ft Slatwall Display



Plumbing 4 ft Slatwall Display



HVAC 8 ft Slatwall Display



HVAC 4 ft Slatwall Display



TURBOTORCH
PLUMBING/HVAC DISPLAYS

Pegboard (Part No. 66-2814) Features an attractive, durable black pegboard with TurboTorch logo motif. Header included. Size: 46.5" x 60" (118 x 152 cm)

Slatwall (Part No. 66-1401) Features a durable, sleek black overlay with TurboTorch logo motif. Header included. Size: 46.5" x 60" (118 x 152 cm)

- Quick and easy installation to existing structures.
- Ask your TurboTorch representative for more information about our display and point-of-sale materials including headers, posters, counter mats, banners, floor/counter stickers, literature, window clings and more!

4 ft Blank Pegboard



Part No. 66-2814

4 ft Blank Slatwall



Part No. 66-1401

TURBOTORCH®
AN ESAB® BRAND



NORTH AMERICAN TECHNICIAN EXCELLENCE
NATE RECOGNIZED

TurboTorch® is proud to offer our NATE Recognized Safety, Product and Application Training Course
(#1737)
Ask your Representative for details

ESAB®

Las- & Gastechniek bvba
Aarschotsebaan 312 • 2590 Berlaar

T 03 482 43 65 • F 03 482 35 72
sales@lgtechniek.be

www.lgtechniek.be

LAS- EN GASTECHNIEK®
THE ART OF WELDING