

PLASMA CUTTING

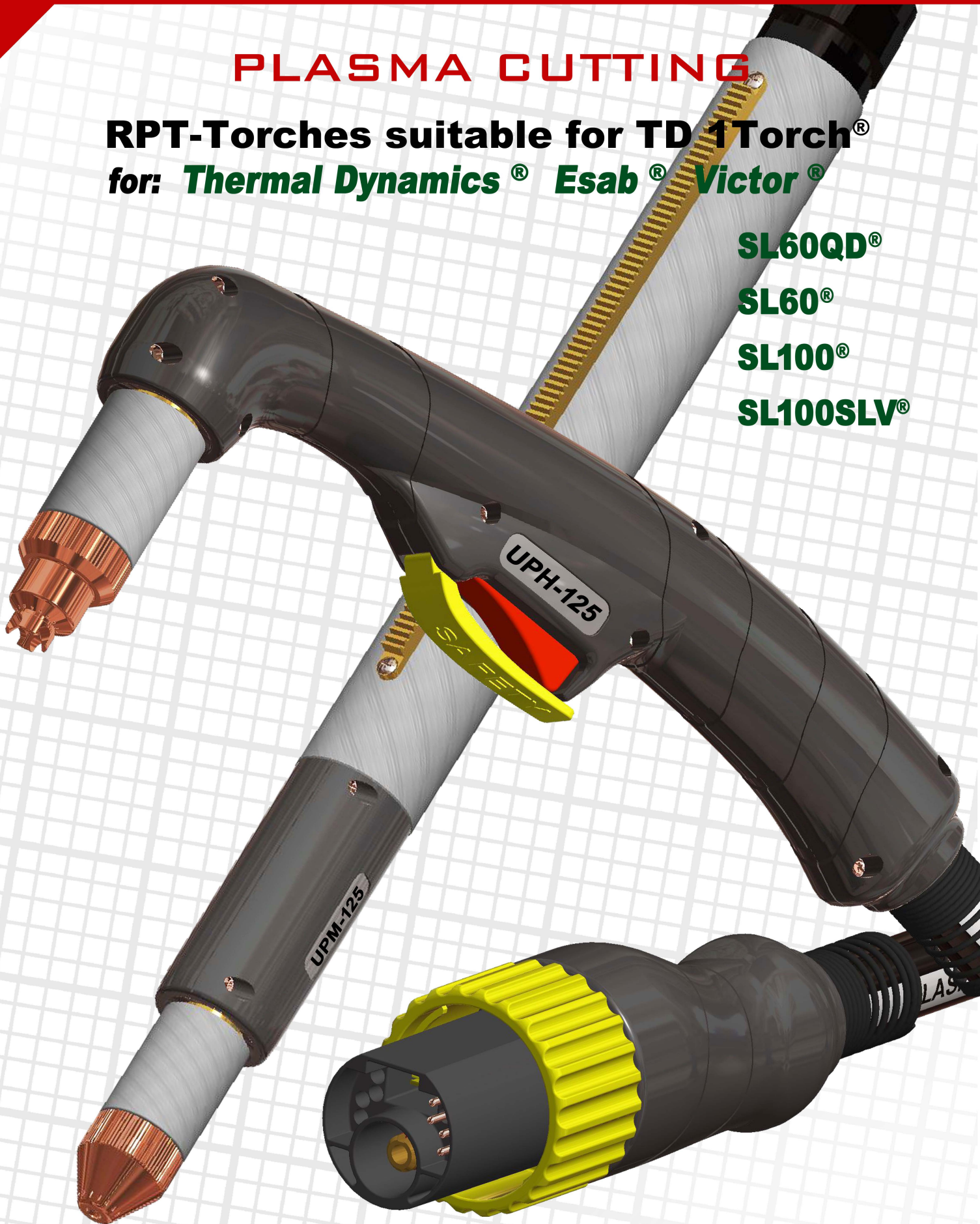
RPT-Torches suitable for TD 1 Torch®
for: Thermal Dynamics® Esab® Victor®

SL60QD®

SL60®

SL100®

SL100SLV®



RPT-Torches for TD 1TORCH®

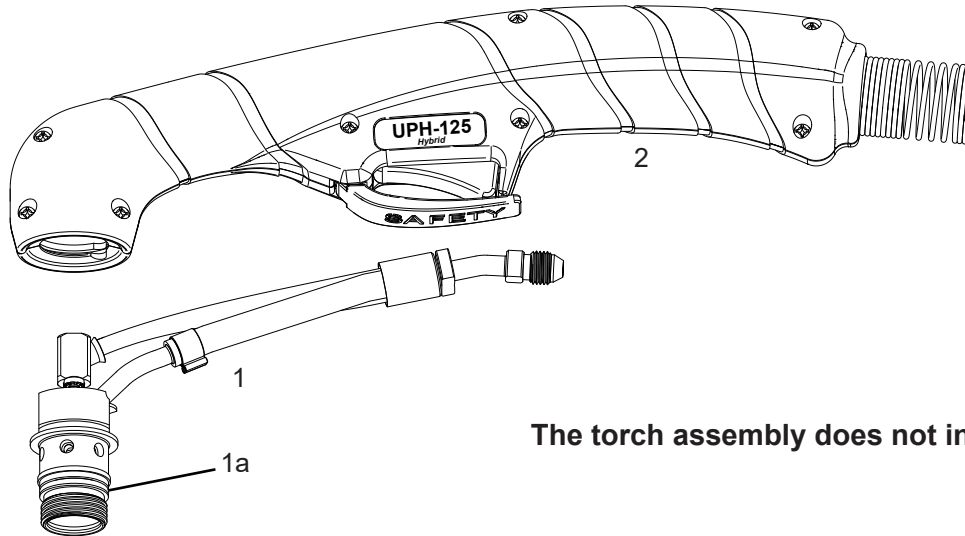
Esab® Thermal Dynamics® Victor® SL-60® & SL-100® QD
Manual Cutting

NEW

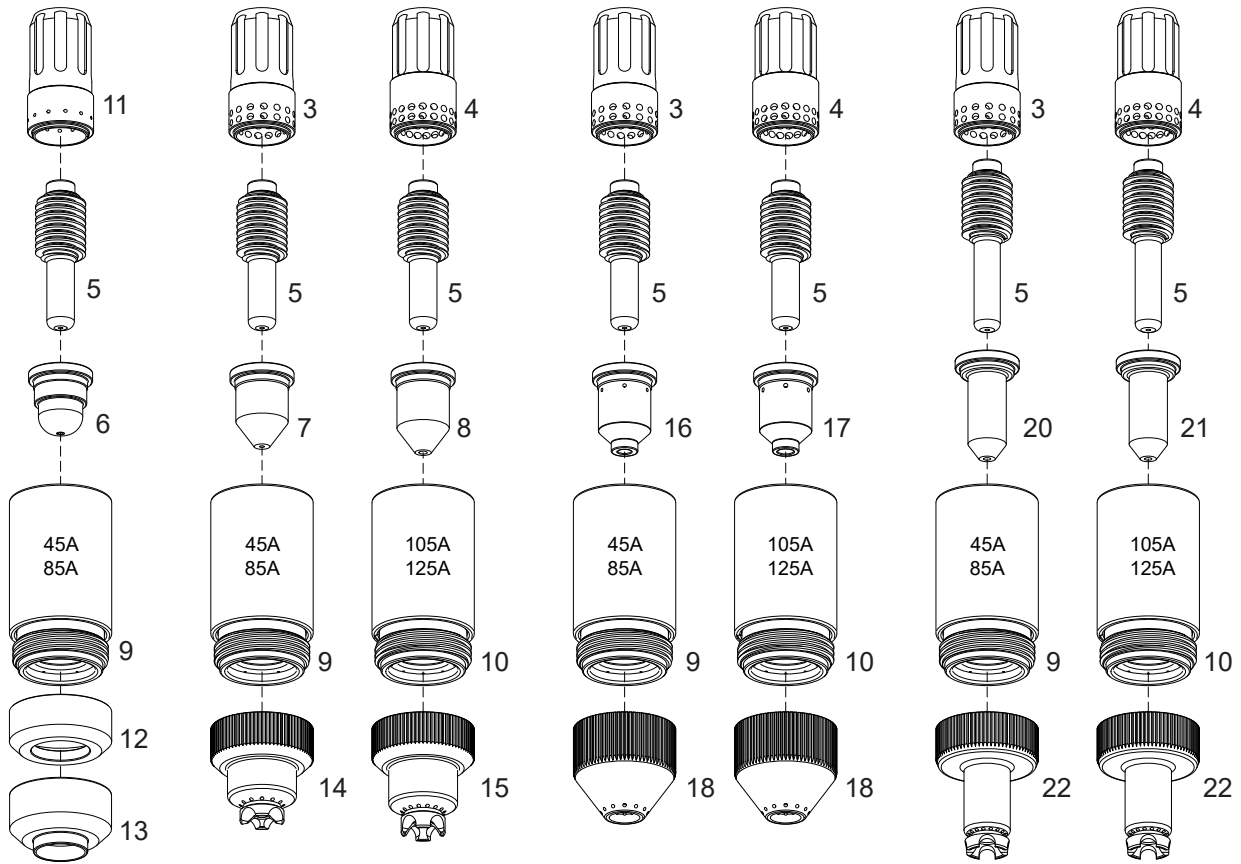
CE IEC 60974-7

RoHS
compliant

UK
CA



The torch assembly does not include consumables



45A

Precision Cut

Contact

Gouging

Extended

Air or N₂

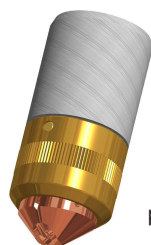
UPH-125

■ Standard Layout

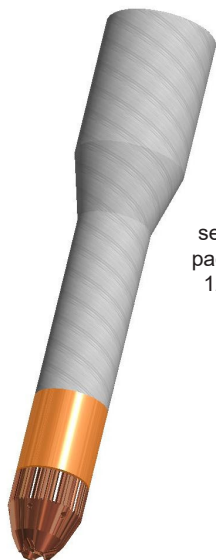
UNICUT®

see
page
9

FLATCUT®

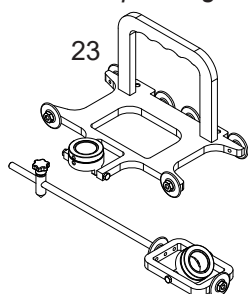
see
pages
9-11

AIRONCUT®

see
page
12

Bevel Tool

Patent pending



Replacement Parts

Torch parts

Item	Description	Code
1	■ UPH-125 75° Hand Torch Head	05900
1a	■ O-Ring	03700.60
2	■ Handle complete with parts	05405
3	Swirl ring, 45-85A Maximum Life	60042
4	Swirl ring, 105-125A Maximum Life	60040
5	Electrode, 45-125A	52677
	Electrode, 45-125A, BiMetal	52677BM
6	Tip, Cutting, 45A Precision Cut	51415
7	Tip, Cutting, 45A	51416
	Tip, Cutting, 65A	51417
	Tip, Cutting, 85A	51418
8	Tip, Cutting, 105A	51419
	Tip, Cutting, 125A	51419.16
9	Shield Cup Body, 45-85A Maximum Life	60309AV
10	Shield Cup Body, 105-125A Maximum Life	60309BV
11	Swirl ring, 45A, Precision Cut Maximum Life	60032
12	Deflector	51928
13	Deflector, 45A Precision Cut	51931
14	Shield Cap, Hand, 45-85A	51921
15	Shield Cap, Hand, 105-125A	51926
16	Tip, Gouging, 65-85A	51417G
17	Tip, Gouging, 105A	51418G
	Tip, Gouging, 125A	51419G
18	Shield Cap, Gouging	51927G
19	Extended Electrode	52677L
20	Extended Tip, 65A	51417L.12
	Extended Tip, 85A	51417L.13
21	Extended Tip, 105A	51417L.15
	Extended Tip, 125A	51417L.17
22	Extended Shield 65-125A	51926L

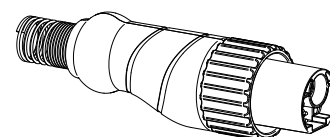
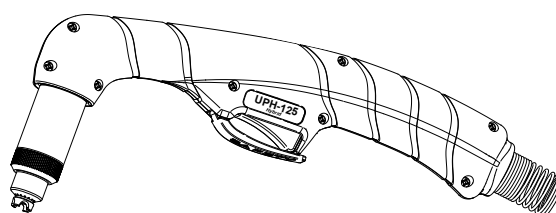
Accessories

N/S	Circle Cutting Attachment	51865
23	BEVEL TOOL	51880

Complete Torches Maximum Life

■ UPH-125 75° (SL-100) Hand Torch 6m (20 ft)	05921CX-TD
■ UPH-125 75° (SL-100) Hand Torch 15m (50 ft)	05926CX-TD
■ UPH-125 75° (SL-100) Lead Assembly, Hand, 6m (20 ft)	05481CX-TD
■ UPH-125 75° (SL-100) Lead Assembly, Hand, 15m (50 ft)	05486CX-TD

■The torch assembly does not include consumables

TD
Connector

RPT-Torches for TD 1TORCH®
Esab® Thermal Dynamics® Victor® SL-60® & SL-100® SLV
Mechanized & Automated

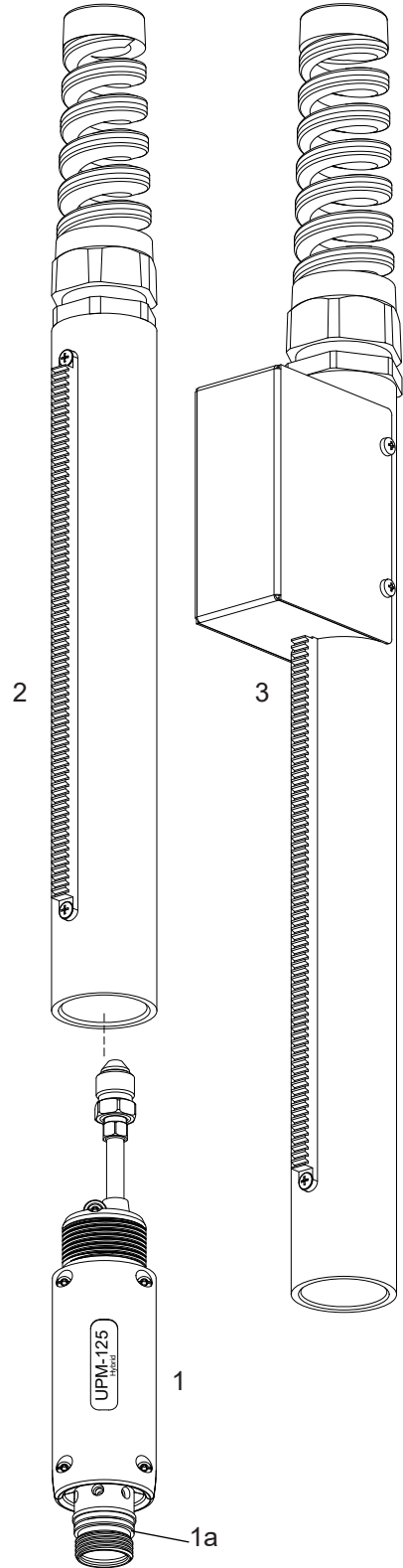
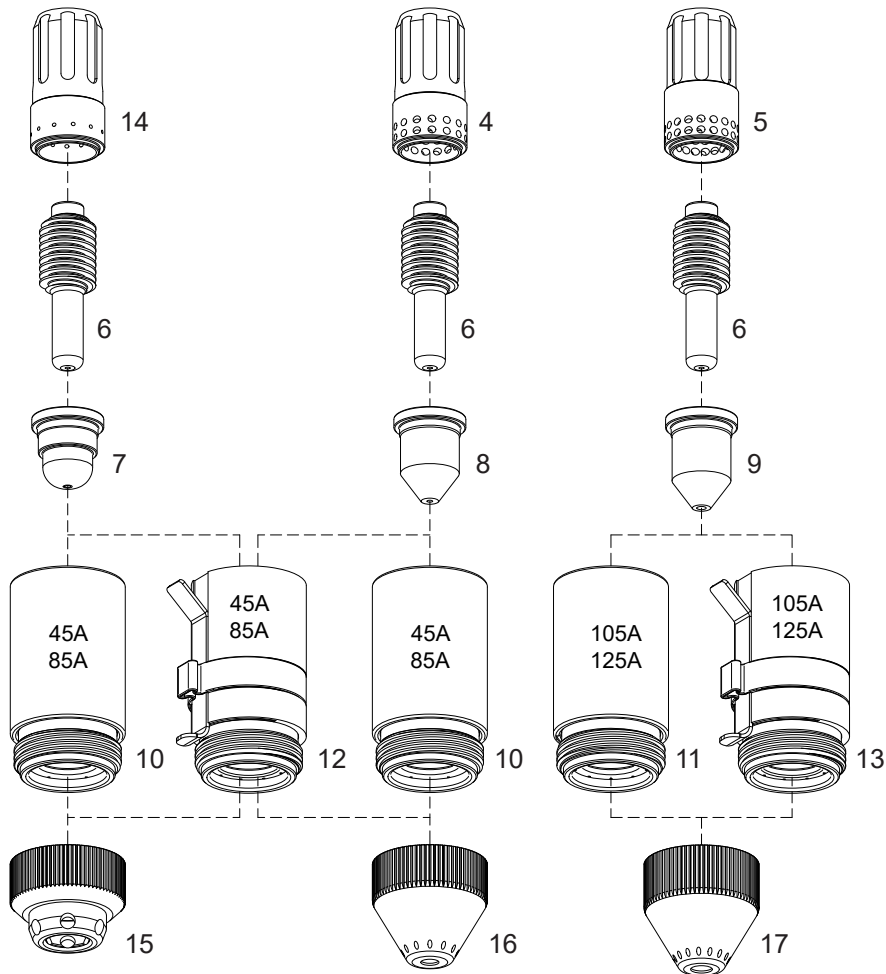
CE IEC 60974-7



NEW

UK
CA

The torch assembly does not include consumables



45A
Precision Cut

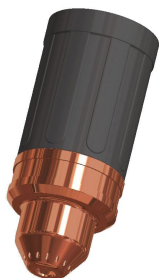
Shielded

Air or N₂

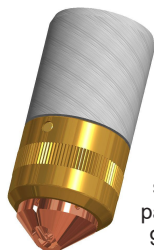
UPM-125

■ Standard Layout

UNICUT®

see
page
9

FLATCUT®

see
pages
9-11

Replacement Parts

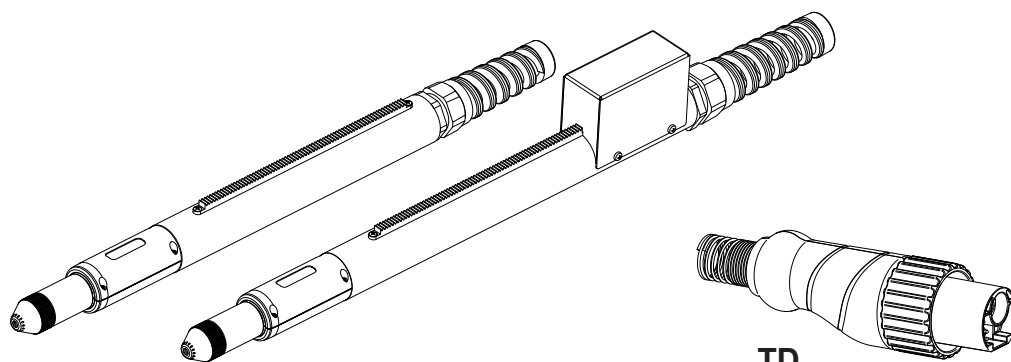
Torch parts

Item	Description	Code
1	■ UPM-125 180° Machine Torch Head	05910
1a	■ O-Ring	03700.60
2	■ Fiberglass Positioning Tube With Rack	07219
3	Fiberglass Positioning Tube With Rack for Solenoid "SLV"	07212
	Solenoid valve, not included	
4	Swirl ring, 45-85A Maximum Life	60042
5	Swirl ring, 100-125A Maximum Life	60040
6	Electrode, 45-125A	52677
	Electrode, 45-125A, BiMetal	52677BM
7	Tip, Cutting, 45A Precision Cut	51415
8	Tip, Cutting, 45A	51416
	Tip, Cutting, 65A	51417
	Tip, Cutting, 85A	51418
9	Tip, Cutting, 105A	51419
	Tip, Cutting, 125A	51419.16
10	Shield Cup Body, 45-85A Maximum Life	60309AV
11	Shield Cup Body, 100-125A Maximum Life	60309BV
12	Shield Cup Body, 45-85A Ohmic	60309HA
13	Shield Cup Body, 100-125A Ohmic	60309HB
14	Swirl ring, 45A, Precision Cut Maximum Life	60032
15	Shield Cap, 45A Precision Cut	51929
16	Shield Cap, Machine, 45-85A	51922
17	Shield Cap, Machine, 100-125A	51927

Complete Torches Maximum Life

■ UPM-125 180° (SL-100) Machine Torch 7.5m (25 ft)	05931CX-TD
■ UPM-125 180° (SL-100) Machine Torch 15m (50 ft)	05936CX-TD
■ UPM-125 180° (SL-100) Lead Assembly, Machine, 7.5m (25 ft)	05491CX-TD
■ UPM-125 180° (SL-100) Lead Assembly, Machine, 15m (50 ft)	05496CX-TD

■ The torch assembly does not include consumables

Air Filter
AT-1000TD
Connector

First Kit of Standad Consumables



Code	Description
SL40	
BLKTD007	First kit for Hand torch 40A
BLKTD008	First kit for Automatic torch 40A
BLKTD009	First kit for Automatic torch, OHMIC 40A
SL60	
BLKTD001	First kit for Hand torch 60A
BLKTD002	First kit for Automatic torch 60A
BLKTD003	First kit for Automatic torch, OHMIC 60A
SL100	
BLKTD004	First kit for Hand torch 100A
BLKTD005	First kit for Automatic torch 100A
BLKTD006	First kit for Automatic torch, OHMIC 100A



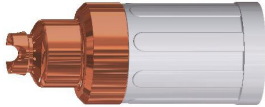

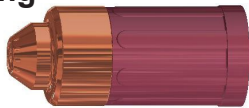
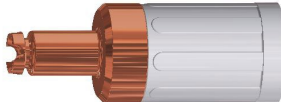
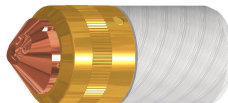
Code	Description
SL40	
BXAUPH125-045	BOX for Hand torch 40A
BXAUPM125-045	BOX for Automatic torch 40A
SL60	
BXAUPH125-065	BOX for Hand torch 60A
BXAUPM125-065	BOX for Automatic torch 60A
SL100	
BXAUPH125-105	BOX for Hand torch 100A
BXAUPM125-105	BOX for Automatic torch 100A



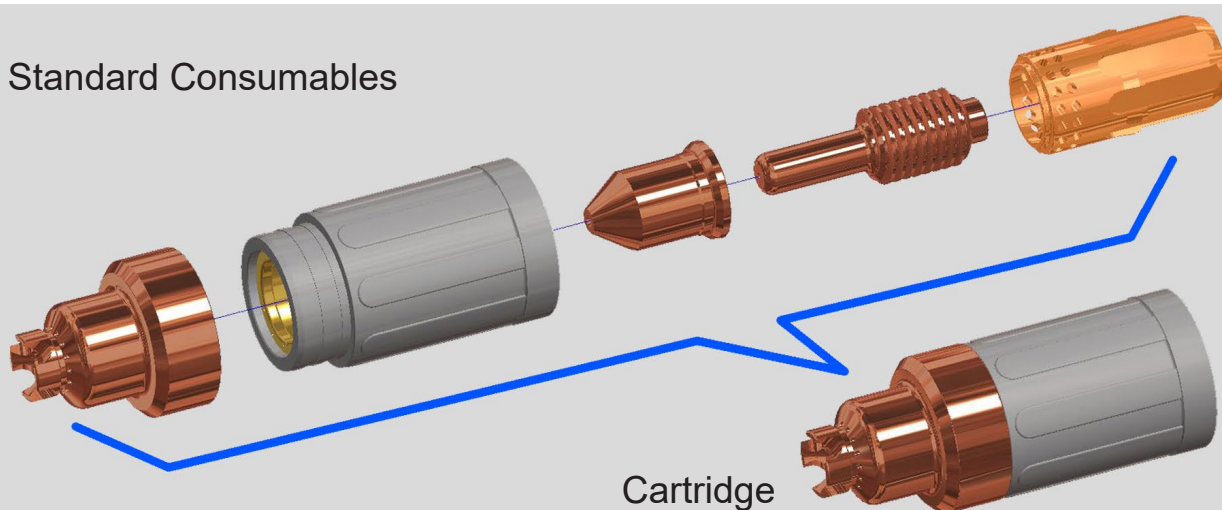
Code	Description
SL40	
BXBUPH125-045	BOX mini for Hand torch 40A
BXBUPM125-045	BOX mini for Automatic torch 40A
SL60	
BXBUPH125-065	BOX mini for Hand torch 60A
BXBUPM125-065	BOX mini for Automatic torch 60A
SL100	
BXBUPH125-105	BOX mini for Hand torch 100A
BXXUPM125-105	BOX mini for Automatic torch 100A

UNICUT®

Single-use cartridges PLUG and CUT

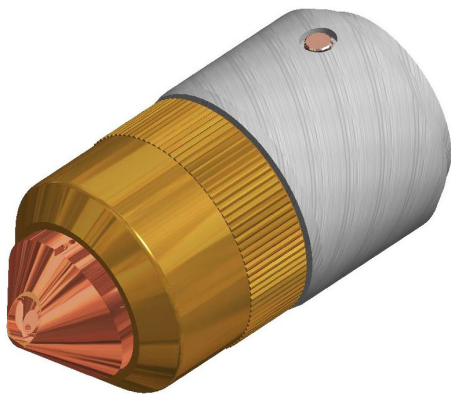
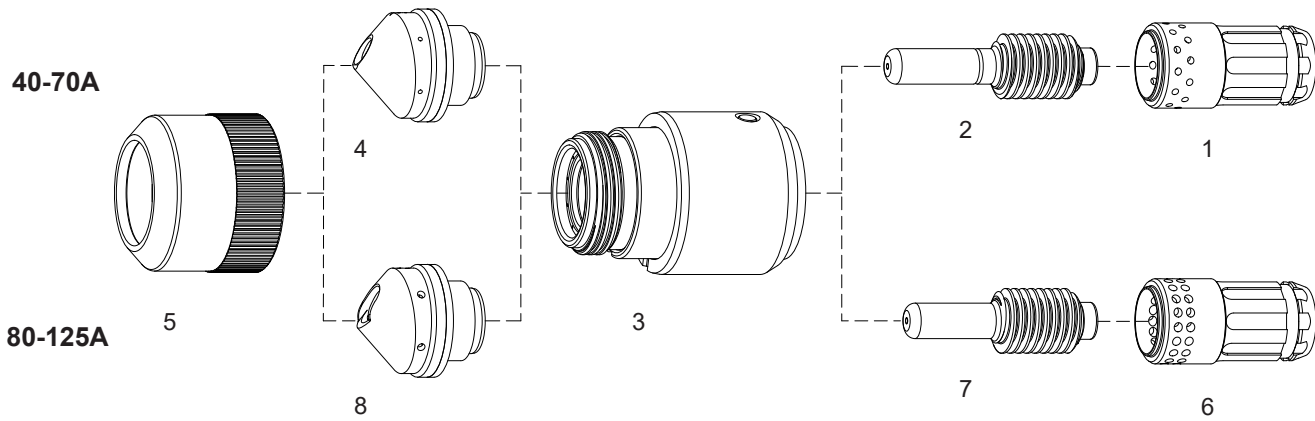
	Code	Description
Hand 	53641M	Cartridge UPH-125 45A hand cutting
	53642M	Cartridge UPH-125 65A hand cutting
	53643M	Cartridge UPH-125 85A hand cutting
	53644M	Cartridge UPH-125 105A hand cutting
	53645M	Cartridge UPH-125 125A hand cutting
Automation 	53647M	Cartridge UPM-125 45A machine cutting
	53648M	Cartridge UPM-125 65A machine cutting
	53649M	Cartridge UPM-125 85A machine cutting
	53650M	Cartridge UPM-125 105A machine cutting
	53651M	Cartridge UPM-125 125A machine cutting
	53672.44	Clip OHMIC
Gouging 	53654M	Cartridge UPH-125 65/85A Gouging
	53655M	Cartridge UPH-125 105A Gouging
	53656M	Cartridge UPH-125 125A Gouging
Extended 	53659M	Cartridge UPH-125 65A Extended hand cutting
	53660M	Cartridge UPH-125 85A Extended hand cutting
	53661M	Cartridge UPH-125 105A Extended hand cutting
	53662M	Cartridge UPH-125 125A Extended hand cutting
FLATCUT® 	53632	Cartridge UPH-125 40/70A FLATCUT
	53633	Cartridge UPH-125 80/125A FLATCUT

Standard Consumables

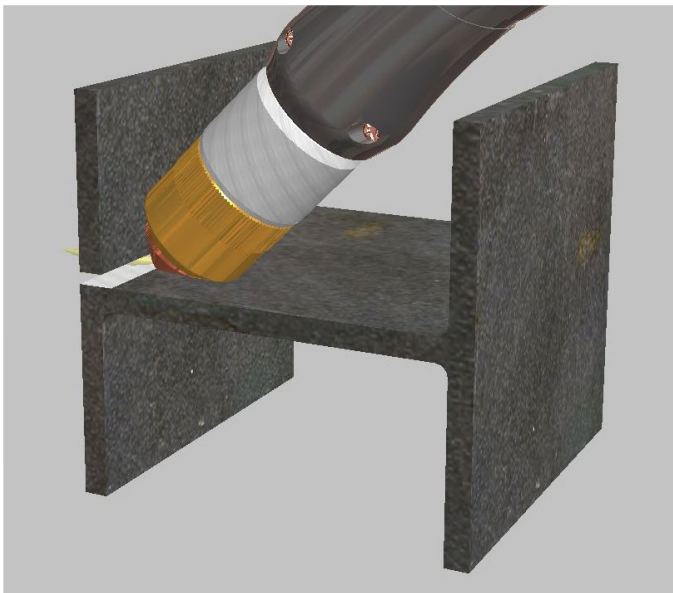


FLATCUT®

with 45 degree inclined arc for cutting Flat



#	Code	Description	Pkg
	53504	Standard KIT 40-70A	1
1	60062	Swirl Ring 40-70A	2
2	53521	Electrode 40-70A	5
3	53511	Retaining Cap	1
4	53532	Tip 40-70A	5
5	53541	Retaining Ring	2
	53505	Standard KIT 80-125A	1
6	60063	Swirl Ring 80-125A	2
7	52677	Electrode 80-125A	5
3	53511	Retaining Cap	1
8	53533	Tip 80-125A	5
5	53541	Retaining Ring	2



FLATCUT®

Some cutting examples that can be performed
with the FLATCUT

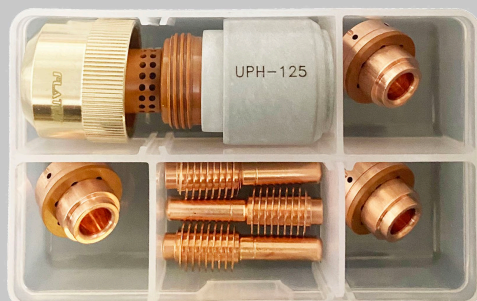
BXAUPH125-FC



BXAUPH125-FC Special Box

Code	Description	Qty
60062	Swirl Ring 40-70A	1
53521	Electrode 40-70A	5
53532	Tip 40-70A	5
60063	Swirl Ring 80-125A	1
52677	Electrode 80-125A	5
53533	Tip 80-125A	5
53505	Standard KIT 80-125A	1

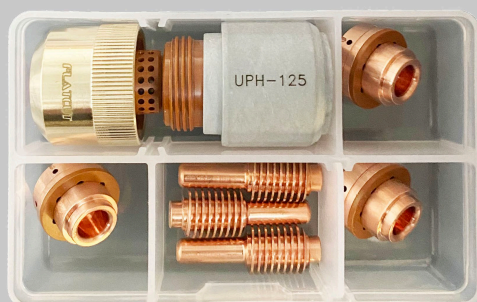
BXDUPH125-70FC



BXDUPH125-70FC Mini Kit 40-70A

Code	Description	Qty
60062	Swirl Ring 40-70A	1
53521	Electrode 40-70A	3
53511	Retaining Cap	1
53532	Tip 40-70A	3
53541	Retaining Ring	1

BXDUPH125-125FC

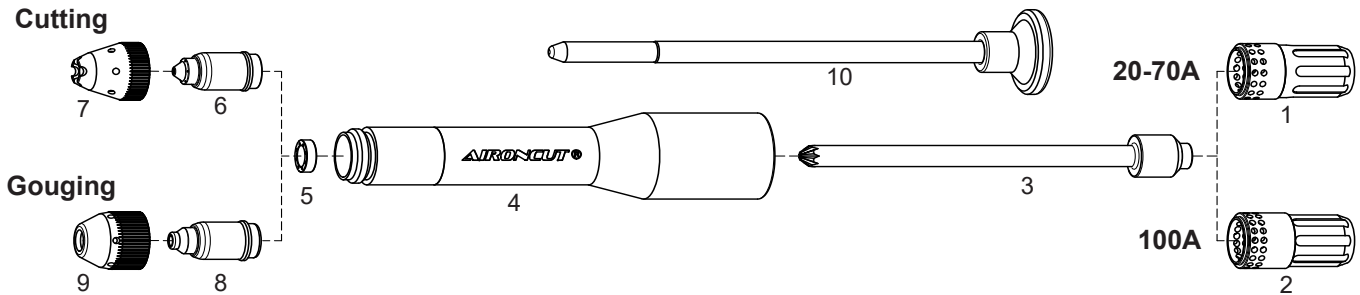


BXDUPH125-125FC Mini Kit 80-125A

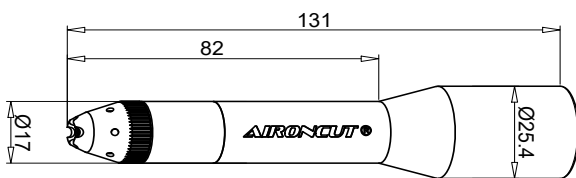
Code	Description	Qty
60063	Swirl Ring 80-125A	1
52677	Electrode 80-125A	3
53511	Retaining Cap	1
53533	Tip 80-125A	3
53541	Retaining Ring	1

IRONCUT®

New high visibility consumable system to cut inaccessible parts.



For gouging use maximum 4 bar



53152 Standard Kit 70A Cutting

#	Code	Description	Pkg
1	60042E	Swirl Ring 20-70A	2
2	60040E	Swirl Ring 100A	2
3	53101	Electrode	3
4	53112	Shield Cup Body	1
5	53022	Vortex Ring	3
6	53031	Tip 20-45A	5
	53032	Tip 70A	5
	53034	Tip 100A	5
7	53047	Shield Cap Cutting	5
8	53036	Tip 50A Gouging	5
	53037	Tip 70A Gouging	5
	53038	Tip 100A Gouging	5
9	53046	Shield Cap Gouging	5
10	53080	Extractor for tip	1

BXAUPH125-AC



BXAUPH125-AC

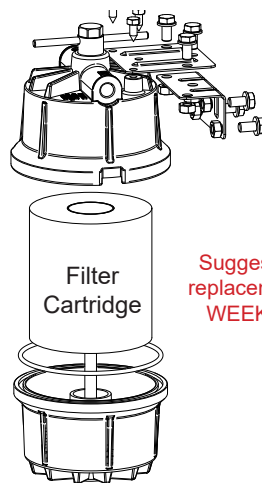
Special Box

Code	Description	Qty
60042E	Swirl Ring 20-70A	1
60040E	Swirl Ring 100A	1
53101	Electrode	2
53022	Vortex Ring	2
53031	Tip 20-45A	3
53032	Tip 70A	3
53034	Tip 100A	5
53047	Shield Cap Cutting	2
53037	Tip 70A Gouging	3
53038	Tip 100A Gouging	5
53046	Shield Cap Gouging	2
53152	Standard Kit 70A Cutting	1

IT Util. Pat. Pend.:
N° IT202021000001583

45A	Max Thickness	8 mm
70A	Max Thickness	12.5 mm
100A	Max Thickness	20.0 mm

AIR FILTER AT1000



Suggested
replacement:
WEEKLY

Air Filter Complete Code: 50500

Packaging:

Air Filter AT1000

Code: 50500-12

Carton Box: 12 Filters

Dimensions: 11" x 16.5" x h. 17.3"
(cm 28 x 42 x h. 44)

Weight: 43 lbs (19.5 kg)

Filter Cartridge

Code: 50505-8

Carton Box: 8 Cartridges

Dimensions: 8.58" x 8.58" x h. 9.61"
(cm 21.8 x 21.8 x h. 24.4)

Weight: 4.2 lbs (1.9 kg)

Code: 50505-48

Master Box: 8x6=48 Cartridges

Dimensions: 17.72" x 26.38" x h. 10.43"
(cm 45 x 67 x h. 26.5)

Weight: 26.7 lbs (12.1 kg)

"AT 1000" is the perfect solution to the problems created by the contamination of the compressed air used in many plasma cutting systems.

It eliminates "sputter" caused by moisture and oil from compressed air lines.

It extends the electrode and nozzle life, with obvious benefits to the cut quality.

Designed to remove aerosol oil and moisture, "AT 1000" is a real benefit, entrapping particles as small as .01 microns inches.

With "AT 1000" torches last longer. Without this filter, at the end of this cutting session, inside the torch and torch head you have left condensed moisture, that can cause a short-circuit, with consequent rise of costs coming from the replacement of the torch head and the needed time to realize this operation.

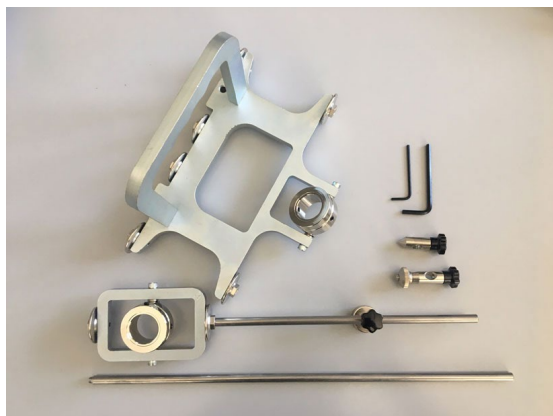
"AT 1000" can filter up to 1250 liters a minute without reduction in pressure.

It's recommended to replace the filter cartridge every 5 to 7 days (max).

It's also very suitable for painters and use of pneumatic tools.

Our excellent knowhow in the production of plasma cutting torches and the consequent problems of air contaminant brought us to create the "AT 1000" being very effective and important for users of plasma cutting systems.

BEVEL TOOL



Code Description

51880 PMAX 1000/1250/1650® - PMAX 45/65/85/105® - TEC.MO.® PT80 - TH-70/105/125 - UPH-70/105/125

51886 PMAX 125® - TEC.MO.® TH-160 - UPH-160

35+
Years

TEC.MO.
=

Quality
Technology
Innovation