

PLASMA CUTTING TORCHES

Tecnical Data

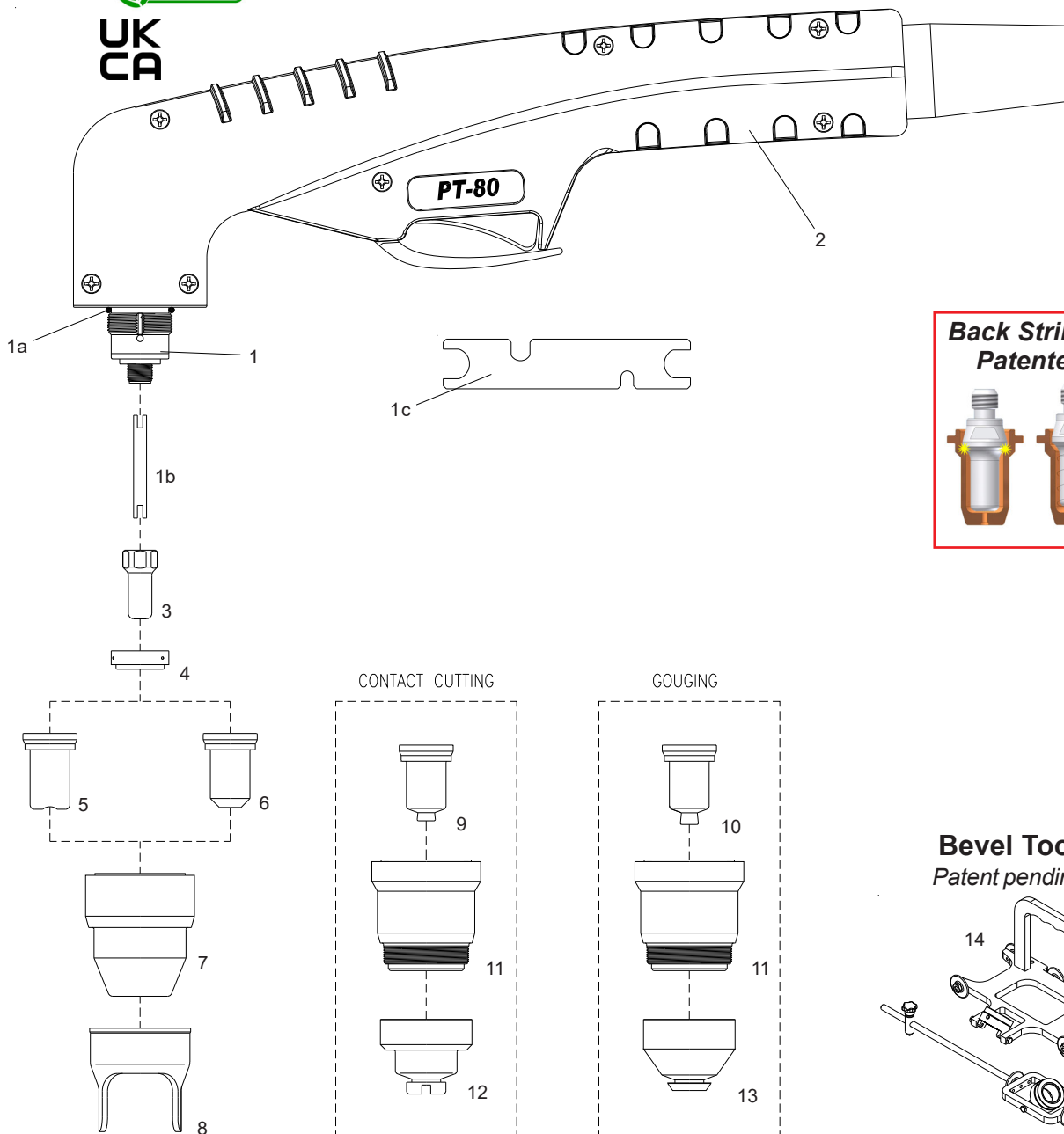
Current:	30-80 Amps
Duty Cycle:	80 Amps 60%
Gas:	Air/N2
Gas Pressure:	65-75 psi (4.4-5.0 bar)
Gas Flow:	340 scfh (160 lpm)
Post Flow Time:	45 sec
Pilot:	Electrode to Tip (18-22A)
Ignition:	Without HF

For the correct operation please use:

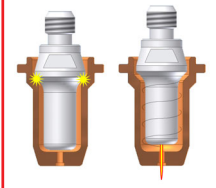
3-Ways Solenoid Valve, inside orifice
2.7-3.0 mm - (0.106-0.118 inches)



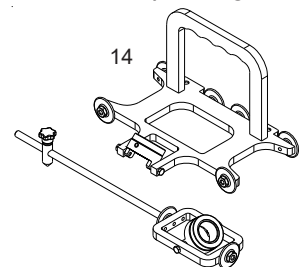
UK
CA



**Back Striking
Patented**

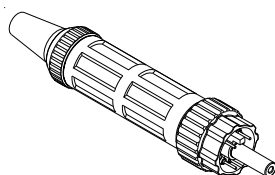
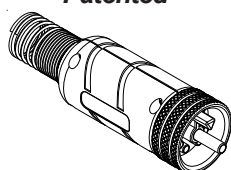
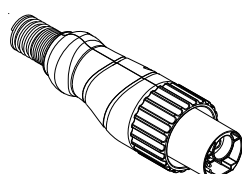
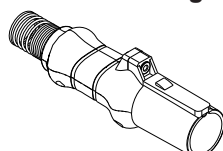


**Bevel Tool
Patent pending**



Air or N₂
PT-80
 ● **Standard Layout**

 Air Filter
AT-1000

 Standard
 Connection
Euro Connector

EASYFIT
 Connection
Patented
**TD Connector**
HY
 Connection
Patent Pending
**Replacement Parts****Torch parts**

Item	Description	Code
1 ●	PT-80 Hand Torch Head	09800
1a	O-Ring	51620.60
1b	Cooling Tube	09800.42
1c	Wrench for electrode	60368
2 ●	Handle with parts	09705
3 ●	Electrode, Back Striking	52558
4 ●	Swirl ring	60027
5	Tip, Contact Cutting, ø 0.9, 30-40A, Back Striking	51310.09
6	Tip, Cutting, ø 1.0, 40-50A, Back Striking	51311.10
	Tip, Cutting, ø 1.1, 50-60A, Back Striking	51311.11
	Tip, Cutting, ø 1.2, 60-70A, Back Striking	51311.12
●	Tip, Cutting, ø 1.3, 70-80A, Back Striking	51311.13
7 ●	Retaining Cap	60510
8 ●	Double Pointed Spacer (for use with item 6 only)	60434
N/S ●	Wrench for electrode	60368

Torches and Leads

PT-80	Hand Torch, 6m (20 ft) Leads, Coaxial Cable	09821CX
PT-80	Hand Torch, 12m (40 ft) Leads, Coaxial Cable	09826CX

Accessories

Item	Description	Code
9	Contact Tip, ø 1.0, 40-50A, Back Striking	51311S.10
	Contact Tip, ø 1.1, 50-60A, Back Striking	51311S.11
	Contact Tip, ø 1.2, 60-70A, Back Striking	51311S.12
	Contact Tip, ø 1.3, 70-80A, Back Striking	51311S.13
10	Tip, Gouging, 80A, Back Striking	51311G.16
11	Shield Cup Body	60511
12	Shield Cap, Hand	60504
13	Shield Cap, Gouging	60508
N/S	Circle Cutting Attachment	51853
14	BEVEL TOOL	51880

**Torches with different cable covers
and connectors available on request.**