

HC 1500C Three Hose Scrap Cutting Torch

The HC1500 Series is a three hose design with a 48" cutting capacity and is ideal for heavy steel, scrap cutting. The torch has "C" 7/16"-14 (RH) oxygen connection and standard "B" 9/16" oxygen/fuel preheat connections.

Straight Torch without Built-in Flashback Arrestors. With Reverse Flow Check Valves.

For use with Propane & Pressurized Natural Gas ONLY.

For Best Performance, use the following recommended equipment:

Flashback Arrestors:

- **Cutting Oxygen** - Not required.
- **Preheat Oxygen** - (Select one of the following)

Part No.	Model	Type
0657-0076	FBHC-O*	Torch Mount
0657-0078	FBHC-OR	Regulator Mount

- **Preheat Fuel** - (Select one of the following)

Part No.	Model	Type
0657-0011	FB-F*	Torch Mount
0657-0015	FB-FR	Regulator Mount

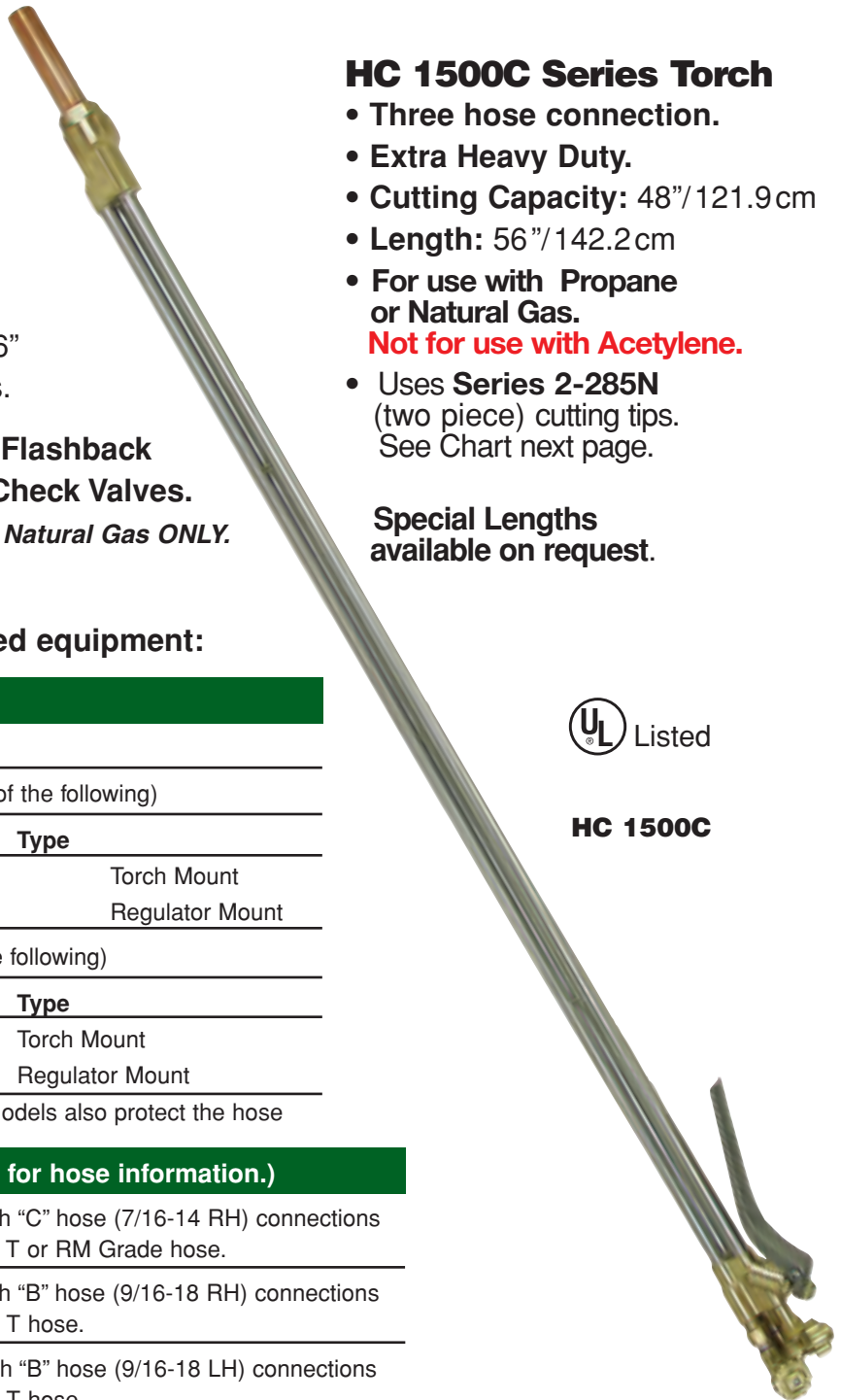
* Torch mount models also protect the hose

Hoses: (Contact local distributor for hose information.)

- **Cutting Oxygen** _ 1/2" I.D. with "C" hose (7/16-14 RH) connections
Use Grade T or RM Grade hose.
- **Preheat Oxygen** _ 3/8" I.D. with "B" hose (9/16-18 RH) connections
Use Grade T hose.
- **Preheat Fuel** _____ 3/8" I.D. with "B" hose (9/16-18 LH) connections
Use Grade T hose.

Regulators:

- **Cutting Oxygen** _ SR700D- 540, or S or L 700D-500/750 Line Supply.
- **Preheat Oxygen** _ SR450D-540, or S or L 700D-500/750 Line Supply.
- **Preheat Fuel** _____ SR461D-510, or S or L 711D-500/750 Line supply.



HC 1500C Series Torch

- Three hose connection.
- Extra Heavy Duty.
- **Cutting Capacity:** 48"/121.9cm
- **Length:** 56"/142.2cm
- For use with Propane or Natural Gas.
Not for use with Acetylene.
- Uses **Series 2-285N** (two piece) cutting tips.
See Chart next page.

Special Lengths available on request.



HC 1500C



Warning:
Use add-on flashback arrestors.

See Section J page 126-128

**HC 1500C Series
Straight Cutting Torches**



HC 1500C ORDERING INFORMATION

Part No.	Model Number	Head Angle	Hose Connection Pre-heat	Hose Connection Cutting (Oxygen)	Length	Fuel Gas	Cutting Capacity
0381-0444	HC 1500C	180°	"B" 9/16" (LH) & (RH)	"C" 7/8"-14 (RH)	56" 142.2 cm	Natural Gas & Propane	48"/121.9 cm

Uses **Series 2-285N** (two piece) Cutting Tips. See chart below.

2-285N TWO PIECE TIP - FOR USE WITH THE HC 1500C TORCHES

Part No.	Model No.	Size	Cutting Range	Cutting Orifice Dia.	* Cutting Oxy (PSIG)	Cutting Oxy (SCFH)	Preheat Oxy (PSIG)	Preheat Oxy (SCFH)	Fuel* (PSIG)	Fuel (SCFH)
0336-0041	2-285N	.250	14" to 20"	.250	25/45	1500/2400	25/50	250/400	15/20	60/120
0336-0042	2-285N	.312	20" to 26"	.312	25/45	2300/3500	25/50	250/400	15/20	60/120
0336-0043	2-285N	.375	26" to 34"	.375	20/40	2300/3900	25/50	250/400	15/20	60/120
0336-0044	2-285N	.437	34" Over	.437	20/40	2400/4500	25/50	250/400	15/20	60/120

* **Note:** Pressure is measured @ back of torch when torch is flowing.

Oxygen Consumption: 1. Adequate volume required. Dual supplies recommended when using cylinders. 2. When operating from bulk oxygen supply it is recommended that separate oxygen drop stations are used.