



UL Listed

Special Lengths available on request.

**HC1400**

**The HC 1400 Series** is a two hose design with a 30"/76.2cm cutting capacity. These torches are high capacity, extra heavy duty cutting torches specifically designed for billet cutting or caster cut-off. Other applications include steel mill scrap cutting, foundry work, and riser removal. **Straight Torch without Built-in Flashback Arrestors. Without Reverse Flow Check Valves. For use with Propane & Pressurized Natural Gas ONLY.**

**HC 1400 Series Torch**

- Two hose connection.
- Extra Heavy Duty. With lock down lever.
- Cutting capacity: Up to 30"/76.2cm.
- Standard Lengths: 27"/68.6cm - 96"/243.8cm
- For use with Propane or Natural Gas.
- **Not for use with Acetylene**
- Uses Series 1, HDNL cutting tips. See chart on next page.
- Inlet Connections:
  - Oxygen - 7/8-14 RH "C" Hose (with 9/16-18 RH "B" Hose Adaptor)
  - Fuel - 9/16-18 LH "B" Hose

For Best Performance, use the following recommended equipment:

**Flashback Arrestors:**

- **Oxygen** - (Select one of the following)

Part No.	Model	Type
0657-0077	FBHC-O C*	High Flow Torch Mount
0657-0079	FBHC-ORC	High Flow Regulator Mount

*Note:* Oxygen Flashback arrestors not recommended when using Tip sizes 14-16

- **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.)**

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

**Regulators:**

- **Oxygen** \_\_\_ SR700D- 540 Cylinder or L700D-500/750 Line Supply.
- **Fuel** \_\_\_ SR461D-510 Cylinder or L711D-500/750 Line Supply.

**Warning:** Use add-on flashback arrestors and check valves. See Section J page 126-128

International Customer Care: 905-827-9777 / FAX 905-827-9797  
www.victorequip.com

**HC 1400 SERIES ORDERING INFORMATION**

Part Number	Model Number	Head Angle	Length	Part Number	Model Number	Head Angle	Length
0381-0773	HC 1430	90°	36"/91.4cm	0381-0784	HC 1462	180°	60"/152.4cm
0381-0774	HC 1431	75°	36"/91.4cm	0381-0779	HC 1470	90°	72"/182.9cm
0381-0775	HC 1432	180°	36"/91.4cm	0381-0780	HC 1471	75°	72"/182.9cm
0381-0776	HC 1450	90°	48"/121.9cm	0381-0781	HC 1472	180°	72"/182.9cm
0381-0777	HC 1451	75°	48"/121.9cm	0381-0785	HC 1490	90°	96"/243.8cm
0381-0778	HC 1452	180°	48"/121.9cm	0381-0786	HC 1491	75°	96"/243.8cm
0381-0782	HC 1460	90°	60"/152.4cm	0381-0787	HC 1492	180°	96"/243.8cm
0381-0783	HC 1461	75°	60"/152.4cm				

**HDNL ONE PIECE CUTTING TIPS FOR HC 1400**

Part No.	Model No.	Size	Cutting Ranges (in/cm)		Cutting Orifice Dia. (in/cm)		Oxygen* (PSIG/KPA)	Oxygen (SCFH/LPM)	Fuel* (PSIG/KPA)	Fuel (SCFH/LPM)
0330-0547	HDNL	10	18"	45.7cm	.185	4.7mm	60-100 PSI 441-600 KPA	750-1650 SCFH 4354-789 LPM	5-15 PSI 35-104 KPA	90-120 SCFH 43-57 LPM
0330-0548	HDNL	12	22"	12	.221	5.6mm	60-100 PSI 441-690 KPA	1000-1950 SCFH 472-920 LPM	5-15 PSI 35-104 KPA	130-160 SCFH 61-76 LPM
0330-0549	HDNL	14	26"	14	.250	6.3mm	60-100 PSI 441-690 KPA	1600-2500 SCFH 755-1180 LPM	15-15 PSI 35-104 KPA	150-190 SCFH 71-90 LPM
0330-0550	HDNL	16*	30"	16	.281	7.1mm	60-100 PSI 441-690 KPA	1800-3000 SCFH 850-1418 LPM	5-15 PSI 35-104 KPA	200-240 SCFH 94-113 LPM

\* Flowing pressure at back of torch  
\* Need 1/2" hose for Oxygen