



Bulldog™ - HC 1100C

Victor® Heavy Industry Scrap Straight Cutting Torch

With Bulldog torches, superior performance and productivity are assured. The low profile head and lightweight design, strength and durability put Bulldog in a class by itself.

The HC 1100C is manufactured without built-in flashback arrestors. Revers flow check valves are installed at the inlet connection

- Patented head and mixer
- Bottom rear lever with pin/clip design
- Specially designed 'supercharged' preheat oxygen valve
- Reduces flame blow-off
- Bottom located valves for right or left hand use
- Threaded inlet connections with integral check valve for ease of repair
- Body designed for high flow applications
- 3 heavy duty tube supports for ultra strength and durability on extra length models
- UltraMix low-pressure mixer specially designed for LP gas
- Sleek low profile head with no protrusions to hinder cutting
- For use with propane and natural gas

BULLDOG TIPS BY VICTOR OFFER A COST EFFECTIVE ALTERNATIVE FOR EFFICIENT SCRAP CUTTING

- For scrap cutting
- Heavy wall - two piece design
- Resists slag build-up
- Available in Victor and Harris® styles

**WARNING: USE ADD-ON FLASHBACK ARRESTORS.
NOT FOR USE WITH ACETYLENE.**

Part No.	Model No.	Lever Position	Tip Series	Head Angle	Overall Length
VICTOR BULLDOG WITH VICTOR HEAD					
0381-1703	HC 1100C	Bottom Rear	1	90°	21" (53.3 cm)
0381-1704	HC 1101C	Bottom Rear	1	75°	21" (53.3 cm)
0381-1709	HC 1130C	Bottom Rear	1	90°	36" (91.4 cm)
0381-1710	HC 1131C	Bottom Rear	1	75°	36" (91.4 cm)
0381-1711	HC 1132C	Bottom Rear	1	180°	36" (91.4 cm)
0381-1712	HC 1150C	Bottom Rear	1	90°	48" (121.9 cm)
0381-1713	HC 1151C	Bottom Rear	1	75°	48" (121.9 cm)
0381-1714	HC 1152C	Bottom Rear	1	180°	48" (121.9 cm)
0381-1716	HC 1161C	Bottom Rear	1	75°	60" (152.4 cm)
0381-1717	HC 1162C	Bottom Rear	1	180°	60" (152.4 cm)
0381-1718	HC 1170C	Bottom Rear	1	90°	72" (182.9 cm)
0381-1719	HC 1171C	Bottom Rear	1	75°	72" (182.9 cm)
0381-1720	HC 1172C	Bottom Rear	1	180°	72" (182.9 cm)
VICTOR BULLDOG WITH SEAT DESIGNED FOR HARRIS® STYLE TIP					
0381-1698	HC 1100C H1	Bottom Rear	1	90°	21" (53.3 cm)
0381-1721	HC 1131C H1	Bottom Rear	1	75°	36" (91.4 cm)
0381-1722	HC 1151C H1	Bottom Rear	1	75°	48" (121.9 cm)
0381-1745	HC 1171C H1	Bottom Rear	1	75°	72" (182.9 cm)

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For best performance, use the following recommended equipment:

FLASHBACK ARRESTORS

Gas Service	Part No.	Model	Type	Recommended Tip Size
Oxygen	0657-0010	*FB-O	Torch Mount	Up to size: 8
	0657-0014	FB-OR	Regulator Mount	Up to size: 8
	0657-0076	*FBHC-O	Torch Mount/ High Flow	Size: 10 and larger
	0657-0078	FBHC-OR	Regulator Mount/High Flow	Size: 10 and larger
Fuel	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:
 - 3/8" (9.53 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose
- Fuel:
 - 3/8" (9.53 mm) I.D. with "B" hose (9/16"-18 LH) connections.
 - Use T-grade hose

REGULATORS

- Oxygen:
 - ELC4, ESS4-125-540R, ESS7-125-540, SR 450D-540, SR 700D-540 cylinder, SR 700E-540 cylinder or L 700D/E-500/750 line supply, LC 350DR 540 liquid cylinder
- Fuel:
 - ESS4-125-510LP, SR 461D-510 cylinder, SR 711B/C/D-510, L 711B/C/D-500/750 line supply

HC 1100C Cutting Tips

Tips for use with Natural Gas and Propane Cutting

Part No.	Model No.	Metal Thickness		Cutting Oxygen Pressure		Preheat Oxygen	Fuel Pressure	
		in	mm	psig	SCFH	SCFH	psig	SCFH
TIPS FOR COARSE SPLINED SCRAP CUTTING – USING NATURAL GAS								
0330-0411	8-CSN	12	304.8	60/70	750/850	50/265	10/14	25/110
TIPS FOR MILL & FOUNDRY SCRAP CUTTING UNDER SEVERE CONDITIONS, USE O309-0025 TIP NUT								
0330-0504	6-HDN	8	203.2	55/65	450/550	44/240	8/12	22/110
0330-0505	8-DDN	12	304.8	60/70	750/850	50/265	10/14	25/120
0330-0506	10-HDN	14	355.6	55/65	1000/1200	50/265	10/16	25/120
0330-0507	12-HDN	16	406.4	45/55	1150/1350	60/290	12/18	30/130
0330-0508	14-HDN	18	457.2	45/55	1300/1500	60/290	12/18	30/130
HEAVY PREHEAT TIPS FOR SCRAP, BEVEL & OTHER								
0333-0328	6-HPN	8	203.2	55/65	450/500	44/240	8/12	22/110
0333-0330	8-HPN	10	254.0	60/70	750/850	50/265	10/14	25/120
0333-0331	10-HPN	12	304.8	45/55	1000/12000	50/265	10/16	25/120
0333-0332	12-HPN	14	355.6	45/55	1150/1350	60/290	12/18	30/130
HEAVY WALL SHELL FOR SCRAP, BEVEL & OTHER SEVERE CONDITIONS								
0333-0666	6-HWN	8	203.2	55/65	450/500	44/240	8/12	22/110
0333-0668	8-HWN	10	254.0	60/70	750/850	50/265	10/14	25/120
0333-0670	10-HWN	12	304.8	45/55	1000/1200	50/265	10/16	25/120
0333-0671	12-HWN	14	355.6	45/55	1150/1350	60/290	12/18	30/130

Preheat oxygen pressure is controlled by cutting oxygen pressure when using cutting tips

Tips for use with LP Propane and Natural Gas

Part No.	Model No.	Metal Thickness		Cutting Oxygen Pressure		Preheat Oxygen	Fuel Pressure	
		in	mm	psig	SCFH	SCFH	psig	SCFH
VICTOR STYLE TIPS								
6700C0710	VBN-3	2.5	63.5	40/50	150/200	23/140	6/12	12/65
6700C0711	VBN-4	3	76.2	40/50	210/250	23/140	6/12	12/65
6700C0712	VBN-5	5	127.0	45/55	300/360	23/140	6/12	12/65
6700C0713	VBN-6	8	203.2	55/65	450/500	23/140	6/12	12/65
6700C0715	VBN-8	10	254.0	60/70	750/850	44/240	10/18	22/110
6700C0716	VBN-10	12	304.8	45/55	1000/1200	44/240	10/18	22/110
6700C0717	VBN-12	14	355.6	45/55	1150/1350	44/240	10/18	22/110
HARRIS® STYLE TIPS								
6700C0723	HBN-3	3	76.2	40/50	210/250	23/140	6/12	12/65
6700C0724	HBN-4	5	127.0	45/55	300/360	23/140	6/12	12/65
6700C0725	HBN-5	6.5	165.1	55/65	370/440	23/140	6/12	12/65
6700C0726	HBN-6	8	203.2	60/70	450/500	23/140	6/12	12/65

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