

# "Vanguard" Hand Cutting Torches



## Specifications and Ordering Information

ST2600 "Vanguard" Series - For use with any fuel gas. Uses Series 1 cutting tips

- Cuts 1/8"/3.25mm to 16"/400mm

Includes Built-in patented flashback arrestors and reverse flow check valves for added safety



ST 2600FC

### ST2600 "VANGUARD" SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-1486	SST2600FC	Top Rear	1	90°	17"/43cm
0381-1480	ST2600FC	Top Rear	1	90°	21"/53cm
0381-1481	ST2600FCL	Top Rear Locking	1	90°	21"/53cm
0381-1485	ST2602FCL	Top Rear Locking	1	180°	21"/53cm
0381-1490	ST2610FC	Top Rear	1	90°	27"/68cm
0381-1493	ST2612FC	Top Rear	1	180°	27"/68cm
0381-1496	ST2630FC	Top Rear	1	90°	36"/91cm
0381-1497	ST2630FCL	Top Rear Locking	1	90°	36"/91cm
0381-1501	ST2632FCL	Top Rear Locking	1	180°	36"/91cm
0381-1505	ST2661FCL	Top Rear Locking	1	75°	60"/1.52m
0381-1506	ST2670FCL	Top Rear Locking	1	90°	72"/1.83m
0381-1507	ST2670FCL	Top Rear Locking	1	90°	72"/1.83m
0381-1512	ST2690FCL	Top Rear Locking	1	90°	96"/2.44m

Note: Other torch models available. Ask for details.



# Hand Cutting Torches

## Specifications and Ordering Information



ST900FC

ST900FC "Vanguard" Series - For use with any fuel gas 5 PSIG and above. Use with Series 1 Cutting Tips. Cuts 1/8"/3.25mm to 6"/150mm. Hose connections are 9/16"-18' unless noted.

Includes built-in patented flashback arrestors and reverse flow check valves for added safety.

### ST900FC "VANGUARD" SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-1620	SST900FC	Top Rear	1	90°	17"/43cm
0381-1622	SST901FC	Top Rear	1	75°	17"/43cm
0381-1621	SST900FC	Top Rear	1	90°	21"/53cm
0381-1623	ST901FC	Top Rear	1	75°	21"/53cm
0381-1627	ST910FC	Top Rear	1	90°	27"/69cm
0381-1628	ST912FC	Top Rear	1	180°	27"/69cm
0381-1624	ST930FC	Top Rear	1	90°	36"/91cm



ST1000FC

### ST1000FC "VANGUARD" SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-1640	SST1000FC	Bottom Rear	1	90°	17"/43cm
0381-1641	ST1000FC	Bottom Rear	1	90°	21"/53cm
0381-1642	SST1001FC	Bottom Rear	1	75°	17"/43cm
0381-1643	ST1001FC	Bottom Rear	1	75°	21"/53cm
0381-1644	ST1030FC	Bottom Rear	1	90°	36"/91cm
0381-1645	ST1031FC	Bottom Rear	1	75°	36"/91cm
0381-1646	ST1032FC	Bottom Rear	1	180°	36"/91cm

Note: Other models available. Ask for details.

\*3 seat acetylene and LPG fuel gas cutting tips are available. See **Meco** gas apparatus section.

# Standard Hand Cutting Torches



Specifications and ordering information

ST1600C / 1700C / 1800C / 1900C Series - For use with any fuel gas. Cutting capacity 1/8"/3.25mm to 16"/400mm.

- Integral patented reverse flow check valves for additional safety



ST1600C



ST1700C



ST1800C



ST1900C

## ST1600C SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-0527	SST1600C	Top Rear	1	90°	17"/43cm
0381-0520	ST1600C	Top Rear	1	90°	21"/53cm
0381-0532	ST1610C	Top Rear	1	90°	27"/68cm
0381-0575	ST1630C	Top Rear	1	90°	36"/91cm
0381-0591	ST1650C	Top Rear	1	90°	48"/122cm
0381-0607	ST1670C	Top Rear	1	90°	72"/1.83m
0381-0547	SST1700C	Bottom Rear	1	90°	17"/43cm
0381-0540	ST1700C	Bottom Rear	1	90°	21"/53cm
0381-0543	ST1710C	Bottom Rear	1	90°	27"/68cm
0381-0638	ST1730C	Bottom Rear	1	90°	36"/91cm
0381-0654	ST1750C	Bottom Rear	1	90°	48"/122cm
0381-0664	ST1762C	Bottom Rear	1	90°	60"/1.52m
0381-0700	SST1800C	Top Front	1	90°	17"/43cm
0381-0678	ST1800C	Top Front	1	90°	21"/53cm
0381-0679	ST1801C	Top Front	1	75°	21"/53cm
0381-0681	ST1810C	Top Front	1	90°	27"/68cm
0381-0699	SST1900C	Bottom Front	1	90°	17"/43cm
0381-0687	ST1900C	Bottom Front	1	90°	21"/53cm
0381-0722	ST1900CT	Bottom Front 'Trigger'	1	90°	21"/53cm
0381-0721	ST1901CT	Bottom Front 'Trigger'	1	75°	21"/53cm

Note: Other torch models available. Ask for details.

# **VICTOR**® Hand Cutting Torches

## Specifications and Ordering Information

ST900C Series - For use with any fuel gas 5 PSIG and above. Use with Series 1 Cutting Tips. Cuts 1/8"/3.25mm to 6"/150mm. Hose connections 9/16"-18m unless noted. Equipped with patented built-in check valves for added operator safety. Integral patented reverse flow check valves for additional safety.



ST900C

### ST900C SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-0486	SST900C	Top Rear	1	90°	17"/43cm
0381-0488	SST901C	Top Rear	1	75°	17"/43cm
0381-0487	ST900C	Top Rear	1	90°	21"/53cm
0381-0489	ST901C	Top Rear	1	75°	21"/53c
0381-0490	ST910C	Top Rear	1	90°	27"/69cm
0381-0492	ST912C	Top Rear	1	180°	27"/69cm
0381-0494	ST931C	Top Rear	1	75°	36"/91cm

## Specifications and Ordering Information



STN4700C

The STN 4700C can be used on fuel gases, other than acetylene, at pressures as low as two ounces. ST 4700C uses a Venturi mixer that creates a siphoning action for the fuel gas from the pre-heat oxygen flow. All STN 4700C torches are equipped with patented built-in check valves for added operator safety. Hose connections are 9/16"-18m.

- Cutting capacity - 1/8"/.32cm to 12"/30cm

### STN4700C SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-1400	SSTN 4700C	Bottom Rear	See Note	90°	17"/43cm
0381-1410	SSTN 4700C	Bottom Rear	See Note	90°	21"/53cm
0381-1430	SSTN 4730C	Bottom Rear	See Note	90°	36"/91cm

Note: ST4700 torches may be used with any **Victor** series 1 cutting tip designed for fuel gases other than acetylene. Other STN 4700 torch models available. Ask for details.



CST800C

CST800C Series - For use with any fuel gas 2 PSIG and above. Use with Series 3 Cutting Tips. Hose connections are 9/16"-18m.

- Cutting capacity - 1/8"/3.25mm to 6"/150mm

CST800C torches are equipped with patented built-in check valves for added operator safety.

### CST800C SERIES ORDERING INFORMATION

Part Number	Model Number	Lever Position	Tip Series	Head Angle	Length
0381-0441	CST800C	Top Front	3	90°	17"/43cm

Note: Other models available. Ask for details.

### Specifications and Ordering information

Victor machine cutting torches are available in two and three hose models. High performance “straight through” design minimizes turbulence and improves cut quality. Accessory reverse flow check valves are supplied for use at torches inlet connection. All machine torches use series 1 cutting tips.



MT5 SERIES

#### MT-5 SERIES - 3 HOSE TORCHES ORDERING INFORMATION

Part Number	Model Number	Total Length	Barrel Length	Racking Length	Gas
0380-0208	MT-5	8 1/2"/214mm	5 3/8"/135mm*	5 3/8"/135mm	Any
0380-0209	MTN-5	8 1/2"/214mm	5 3/8"/135mm*	5 3/8"/135mm	LP/NG

\* Barrel Diameter 1 3/8"/34.9250

mm



MT200 SERIES

#### MT-200 SERIES - 2 HOSE TORCHES ORDERING INFORMATION

Part Number	Model Number	Total Length	Barrel Length	Racking Length	Gas
0380-0217	MT210A	14"/355mm	10"/252mm	7"/176mm	ACET*
0380-0216	MT210N	14"/355mm	10"/252mm	7"/176mm	LP/NG**
0380-0219	MT218A	22"/560mm	18"/460mm	15"/375mm	ACET*

#### MT-300 SERIES - 3-HOSE TORCHES ORDERING INFORMATION

Part Number	Model Number	Total Length	Barrel Length	Racking Length	Gas
0380-0222	MT310A	14"/355mm	10"/252mm	7"/180mm	ACET*
0380-0220	MT310N	14"/355mm	10"/252mm	7"/180mm	LP/NG**
0380-0221	MT310NV	14"/355mm	10"/252mm	7"/180mm	ACET*
0380-0223	MT310AV	14"/355mm	10"/252mm	7"/180mm	ACET*
0380-0227	MT318A	22 1/2"/585mm	18"/460mm	15"/375mm	ACET*
0380-0228	MT318AV	22 1/2"/585mm	18"/460mm	15"/375mm	ACET*
0380-0225	MT318N	22 1/2"/585mm	18"/460mm	15"/375mm	LP/NG**

May also be used on other pressurized fuel gasses  
 \*\*May also be used on other fuel gases except acetylene

Other machine torch models available. Ask for details.  
**Gear racks (24 pitch or 32 pitch) must be ordered separately!**



MT300 SERIES

# Mill and Foundry Cutting Torches



## Specifications and Ordering Information

Precision engineered for steel mill, scrap yard, foundry, and other severe duty applications



HC1400 (Two hose), HC1500 (Three hose) Scrap Torches - For use with Butane, Propane, Natural Gas. Uses Series 2-285N Cutting Tips.

### HC1400/1500 SERIES ORDERING INFORMATION

Part Number	Model Number	Head Angle	Hose Conn. Cutting Oxy	Hose Conn. Pre-heat Gases	Length
0381-0770	HC1410	180°	7/8"-14(RH)	9/16"-18 LH/RH	27"/68cm
0381-0773	HC1430	180°	7/8"-14(RH)	9/16"-18 LH/RH	36"/91cm
0381-0776	HC1450	180°	7/8"-14(RH)	9/16"-18 LH/RH	48"/121cm
0381-0782	HC1460	180°	7/8"-14(RH)	9/16"-18 LH/RH	60"/1.5m
0381-0779	HC1470	180°	7/8"-14(RH)	9/16"-18 LH/RH	72"/1.8m
0381-0785	HC1490	180°	7/8"-14(RH)	9/16"-18 LH/RH	96"/2.4m
0381-0790	HC1400	180°	7/8"-14(RH)	9/16"-18 LH/RH	144"/3.6m
0381-0444	HC1500	180°	7/8"-14(RH)	9/16"-18 LH/RH	56 1/2"/1.4m



SCT3000 Series Scarfing Torch - For use with Natural Gas and Propane. Uses Series 1-300N Cutting Tips.

### SCT3000 SERIES ORDERING INFORMATION

Part Number	Model Number	Heat Angle	Hose Conn. Cutting Oxy	Hose Conn. Pre-heat Gases	Length
0381-0776	SCT3048	75°	7/8"-14(RH)	9/16"-18 RH/LH	48"/121cm

Note: Other models available. Ask for details.

# VICTOR® VCM-200 Cutting Machine

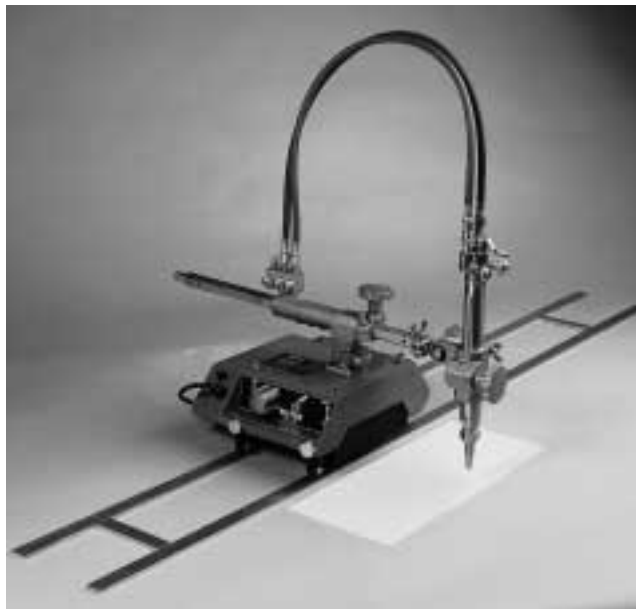
## Specifications and Ordering information

### VCM-200 Portable Cutting Machine

The versatile VCM-200 is a precision, tractor-type machine that can be used on its own track for straight line cutting and a variety of welding operations. Off track and with a radius rod assembly, the VCM-200 can be used for circle cutting.

#### VCM-200 Features

- Large thumb screws for hand tight adjustments.
- Dual drive controls & direct speed readout.
- Cone disc drive.
- Constant speed AC induction motor located on the side opposite the torch for cooler, more efficient operation.
- Counter-balanced design allows torch racking distance up to 18" from the machine.
- Speed constant over wide range of temperatures.
- Torch holder designed for 1-3/8"/35mm barrel diameter torches.



#### Specifications

##### Cutting Capacities

- Length increments of 72"/1.83m (Track length)
- Circle diameters 4"/100mm to 96"/2.44m

##### Speed Range

- 1"/25.2mm to 60"/1.52m/Minute

##### Dimensions

- Length - 14.25"/359mm
- Width - 11"/277mm (Machine Only)  
28.5"/718mm (Machine & Torch Holder)
- Height - 11.5"/289mm (Top of Torch Holder)  
5.5"/138mm (Top of machine)

##### Weight

- Machine - 47.0 lbs./21kg

### VCM-200 HS (High Speed)

The VCM-200HS has all the convenience and portability features of the standard VCM-200 machine, plus a speed range of 5"/13cm to 120"/305cm / Minute. The VCM-200HS has a flat mounting deck.

### VCM200 SERIES ORDERING INFORMATION

VCM-200 Part NO.	VCM-200HS Part NO.	VCM-200HT Part NO.	Model/Number Description
0200-0220	0200-0224	0200-0240 *Includes Heat Shield	VCM-200, VCM-200HS, VCM-200HT Includes machine, MT 210A torch, rack, 1-1-101 cutting tip, hoses and fittings for 2-hose operation, 32 pitch pinion torch holder, 3-hose manifold block.
0200-0221	0200-0225	0200-0241 *Includes Heat Shield	VCM-201, VCM-201HS, VCM-201HT Includes machine, 32 pitch pinion torch holder, 3-hose manifold block and hoses & fittings for 2-hose operation.
		0200-0242	VCM-202HT Machine w/Heat Shield

### ACCESSORY ORDERING INFORMATION

Part Number	Description
0212-0018	12 foot track section for line cutting
0212-0005	6 foot track section for line cutting
0252-0040	Radius rod for circle cutting
0253-0042	100 inch radius rod for circle cutting
0252-0136	Dual torch mount assembly
0252-0103	Heat Shield

# DC 2400 Duplicutter



## Specifications and Ordering information

### DC 2400 Portable Shape Cutting Machine

The mobility and portability of the DC 2400 makes it well suited for both in-plant and on-the-job site applications. Stable, rigid construction allows smooth cuts and production tolerances can be held to 1/16"/1.6mm

#### Features

- Fully adjustable legs for positive positioning
- Rigid post-assembly assures accurate alignment of torch.
- Heavy-duty, direct current motor and solid state controls provide optimum speed regulation.
- Adjustable template arm assembly.
- Torch holder with 32 pitch pinion.
- Portable, fold-up construction

#### Specifications

##### Standard Speed Range

- 1/4" (6.4mm) Rotor; 1.5 to 35 Inches/Minute (38mm to 889 mm/min)
- 1/2" (12.8mm) Rotor: 3.0 to 70 Inches/Minute (76mm to 1778 mm/min)

##### Cutting Capacity

- Up to 7"/179mm
- Circle diameter 1/4"/.64cm to 19-1/2"/50cm
- Rectangles up to 12"/30cm x 35"/89cm

##### Dimensions

- Width - 30"/76cm
- Height - 34-3/4"/88cm
- Depth - 33"/84cm

##### Weight

- Weight - 80 lbs./36kg



### DC 2400 DUPLICUTTER ORDERING INFORMATION

DC 2400 Part Number	DC2400E Part Number	Description
0200-0079	0200-0102	DC 2400, DC 2400E Includes MT 210A torch, 1-1-101 cutting tip, hoses & fittings for two hose operation.
0200-0080	0200-0102	DC 2400A, DC 2400AE Includes machine only.

**Note: "E" denotes Export Models.** Includes 220V to 110V stepdown transformer. Standard Machine is 110V

# VICTOR® MHT-100 Motorized Hand Torch

## Specifications and Ordering information

### Precision

#### Cutting Simplified

The MHT-100 is an advanced motor-driven, hand held cutting torch that is ideal for cutting operations where a machine-quality cut is desired or essential. Precision accuracy and results are possible each time the MHT-100 is used, even if the operator has limited experience. The MHT-100 can be used with any fuel gas and all attachments are stainless steel.

#### Features:

- Cuts straight lines, bevels, contours and circles on material from 1/16"/.16cm to 2-1/2"/6.4cm thick.
- The drive wheel assembly rotates 360 degrees.
- "Universal" gas mixer provides optimum gas mixing
- Unique cam-lock brake lever permits quick drive wheel positioning.
- 3-Position control switch with forward, reverse and off positions.
- Built-in check valves for added safety.
- Cutting oxygen lever has lock-open feature.
- Patented drive mechanism is closed and protected.
- TEFLON® coated wiring harness for higher temperature tolerances.
- Optional 12 volt portable battery pack for up to 20 hours per charge.

#### Specifications:

- Operates on 12 volt DC current
- Power may be provided through standard 110V outlets, a 12 volt auto battery or Victors optional MHT battery pack.
- Variable speed control permitting travel speeds from 4"/11cm to 36"/91cm/minute.
- Regulated power supply will operate on 50/60 hertz single phase from 105 to 130 volts AC, without affecting speed.
- Two circle cutting attachments range from 1"/2.54cm to 5"/13cm and optional 5"/13cm to 24"/64cm diameter.



### MHT-100 KIT ORDERING INFORMATION

Part Number	Description
0200-0210	MHT-100: Drive wheel assembly, small circle cutting attachment, battery clip assembly, transformer

**Export models available.** Ask for details.

**Model BHA** adjustable head adds flexibility to machine cutting torches by allowing bevel cuts without changing the position of the torch. It can be set at any angle from 0 to 90° on either side of vertical. Uses series 1 cutting tips.

Optional **Pre-Heat Attachment** is available for use with the BHA adjustable head attachment. The pre-heat attachment uses replaceable tip ends.

Part Number	Description
0383-0012	BHA
0304-0060	Pre-heating Attachment



**Model 591** strip cutter for use with machine cutting torches only. It is designed to accept two tips for use with a common torch. Uses series 1 cutting tips. Adjustable for cutting strips from 1-1/4"/.32cm to 12"/30cm wide, and thickness up to 3"/8cm.

Part Number	Description
0383-0000	591 Strip Cutter



**Quick Opening Oxygen Valve** for use with MT 300 and MT 600 Series machine torches or other applications. 1/4NPT (M) x 9/16-18 RH(M)

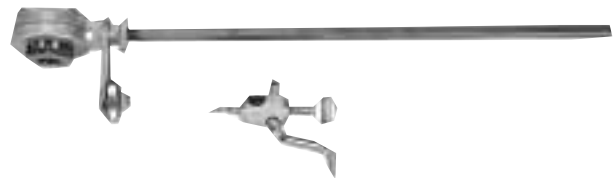
Part Number	Description
0660-0086	Quick Opening Oxygen Valve



**Circle Cutting Attachment** is easily attached to a cutting torch or cutting attachment. The roller guide is adjustable to various heights and is designed to hold the cutting tip at exact pre-set distance from the work. Cutting range 1 1/2" - 28' circle

**Model 497** roller guide is adaptable to most styles of cutting tips. Fits over the cutting tip shank and is fully adjustable for close accurate work

Part Number	Description
0383-0007	C 496 Circle Cutting for series 3 tips
0383-0006	D 496 Circle Cutting for series 1 tips
0383-0009	497 Roller Guide



## Test Gauges

Part Number	Description
1420-0004	Oxygen, Model PD-10 100# Test, 2" Dia Gauge
1420-0004	Fuel Gas, Model PD-11 100# Test, 2" Dia Gauge

