



HCM-200 Portable Track-Guided Flame Oxy-fuel Cutting Machine VCM

The HCM-200 is a tough, ruggedly constructed cutting machine, yet compact and light enough that it may be taken to the work site, wherever it may be. It is a versatile, economic, basic guidance system that can be used for oxy-fuel flame cutting, or movement of special equipment setups. It is suitable for field jobs and repair work plus straight line and circle cutting operations required in metalfabrication.

Secure the single torch mount post

(1) the outer case mounting surface with four Allen-head cap screws. Slip the rack handle assembly

(2) over the torch mount post and secure it with the set screw. The rack handle assembly is free to rotate until the clamping bolt is tightened. Insert racking bar assembly

(3) so that the rack properly engages the pinion gear in the rack handle assembly. Connect the torch holder assembly

(4) to the torch pivot knuckle

(5) which fits over the round end of the racking bar assembly. Leave clamping screw, provided at each of these points, slightly loose for adjustment. Then, tighten securely after positioning adjustments are made.

Insert the cutting torch

(6) into the torch holder so that the torch rack properly engages the adjusting gear of the torch holder. Tighten the torch holder. Tighten the torch holder wing nuts enough to hold the torch securely, yet permit vertical adjustment of the torch in the torch holder with the adjusting knob. Use either two-hose or three-hose torches.

Insert the manifold block

(7) in the end of the rack handle assembly. Screw the proper hose adapters into the inlets of the manifold block. Use fuel gas hose adapters in the center pair of holes and oxygen hose adapters in the outer two pairs of holes. Connect the required hoses from the manifold block to the cutting torch. If using a two-hose cutting torch, omit the right-hand hose.

MACHINE SPECIFICATIONS

Outline Dimensions	Outline dimensions are shown in Figure 1, below.
Capacities	Cutting Length: Increments of 72"(1829mm) Circle Diameter: 4"to 96" (102 to 2438 mm)
Speed Range	HCM-200 and HCM-200HT: 1 to 60 inches per minute (25 to 1524 mm per minute) HCM-200HS: 5 to 120 inches per minute (127 to 3048 mmper minute)
Power Requirements	115V.42A 60HZ, Single phase E Models;200V.23A 50HZ/.21A60HZ, single phase

Gas Cutting Machine



CG₁-30F Square Gas Cutting Machine



- The main body is made of high strength aluminum alloy, produced precisely by die-casting.
- The speed is adjusted by controlled silicon unit.
- Equipped with driving motor to make the torch to move horizontally.
- "+" switch can control the direction of forward, backward, up and down freely.
- The high-speed switch is affixed to the assembly of hose, easy to operate.
- The square shape or parallelogram can be made by only once-cutting.
- Widely use in shipbuilding, boiler, chemical and metal structure industry etc.

Gas Cutting Machine



CG₁-75 Ingot Gas Cutting Machine

GCD-300 Ingot Gas Cutting Machine



- The main body is made of aluminum and its compact structure to improve stability of movement.
- Speed system is adjusted by integrate circuit for regular and steady running.
- Professional straight cutting for more thick ingot.
- Especially for ingot cutting.

Order No.	Model No.	Supply Voltage (V/Hz)	Cutting Thickness (mm)	Cutting Speed (mm/min)	Lift/ft (mm)	Total Weight (kg)
HW100	CG-30	AC220V	0-100	30-700	400-1000-80	25
HW100	CG-75	AC220V	50-200	30-700	500-1000-200	25
HW101	GCD-300	AC220V	0-300	30-700	500-1000-200	20

HCM-200 Series Portable Flame Cutting Machine



- Integral carrying handle, lightweight and balanced designer allow the machine to be carried with one hand.
- A balanced design makes the machine stable when cutting, allowing a reeling distance of up to 18' from the machine with a standard torch, and no counterweight is required.

★ Note: Rail is optional part.

Order No.	Model No.	Lift/ft (mm)	Capacitor	Speed Range	Power Requirement	Weight (kg)
HW102	HCB-200	600-1700-100	Cutting length: Maximum 8'7" (2627 mm) Cut thickness: 4 to 87.5 (2 to 348 mm)	100-200 mm (3.94"-7.87") 1 to 60 inches per minute (25 to 1524 mm per minute) 100-2000 1 to 100 inches per minute (2.5 to 2540 mm per minute)	115V AC/50Hz, Single phase/30Amp; 200V AC/50Hz/15A/50Hz, Single phase	Empty line alone: 30.2 lbs (13.8kg) Empty line with spring: 32.2 lbs (14.6kg)