



# CM-79 Portable Cutting Machine

- Solid state controls — for dependable, maintenance-free service
- Three position switch — for start, stop, and reverse
- Clutch levers at both ends of carriage — for greater accessibility
- Direct reading speed control dial — can be preset or instantly adjusted during operation
- Normal speed range 0-60 ipm (0-25 mm/sec.)
- Easily adjustable to 90 ipm (38 mm/sec.)
- Sturdy one-piece aluminum housing
- Heavy-duty motor with built-in solid state governor — for dependable, accurate speed



CM-79 with C-58 Torch, Rigging Assembly, and Track

## Ordering Information

### Machine or Rigging Only

CM-79 Portable Machine Carriage with 28 ft. lead .....	995557
Torch Rigging Assembly .....	16V90

### Basic Machine Package

Includes standard machine, rigging, and manifold kit .....	998695
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### Complete Machine Package

Includes everything supplied with Basic Package plus C-58 Torch (02X74), Heat Shield, and Heavy Duty Track Section ..	998947
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## Accessories

### Heavy-Duty Track Section

6 ft. ....	16V82
7½ ft. ....	20086
9 ft. ....	2223156

### Circle Cutting Attachment, 2-54 in. diameter .....

16V84
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### Double Heat Shield Kit .....

995586
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### Counterweight .....

995587
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For balancing heavy, off-center equipment loads

### Manifold Kit .....

639659
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### High Temperature Kit .....

997608
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Recommended when carriage must travel on hot plates —

temperature of control unit should not exceed 70°C (158°F).

Contact your ESAB supplier for additional information.

## Specifications

Overall Size			Weight	Carrying Load Maximum	Speed Range	Cutting Capacity	Circle Cutting Range	Power Requirements
Length	Height	Width						
in. (mm)	in. (mm)	in. (mm)	lbs. (kg)	lbs.	ipm (mm/sec.)	in. (mm)	in. (mm)	
15¼ (387)	7 (178) (including mounting stud)	7¼ (184)	21 (9.5) (without rigging or torch)	250	0-60* (0-25)	0-4 thick** (102)	2-54*** (51-1371)	120 vac, 2 amp (maximum), 50/60 Hz, 1 ph

\*Can be adjusted to attain speeds up to 90 ipm (38 mm/sec.).

\*\*Up to 10 inches (254 mm) with accessory heat shield.

\*\*\*Can be increased by use of longer rod easily made from standard bar stock.