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

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

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

Accessories

Heavy-Duty Track Section
6 ft. ........................................................................ 16V82
7½ ft. ...................................................................... 20086
9 ft. ........................................................................ 2223156

Circle Cutting Attachment, 2-54 in. diameter .......... 16V84

Double Heat Shield Kit ............................................... 995586

Counterweight ......................................................... 995587
For balancing heavy, off-center equipment loads

Manifold Kit .......................................................... 639659

High Temperature Kit ............................................ 997608
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

<table>
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<tr>
<th>Overall Size</th>
<th>Length</th>
<th>Height</th>
<th>Weight</th>
<th>Carrying Load Maximum</th>
<th>Speed Range</th>
<th>Cutting Capacity</th>
<th>Circle Cutting Range</th>
<th>Power Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>lbs. (kg)</td>
<td>ipm (mm/sec.)</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
<td>(maximum), 50/60 Hz; 1 ph</td>
<td></td>
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<tr>
<td>15½ (387)</td>
<td>7 (178) (including mounting stud)</td>
<td>7¼ (184)</td>
<td>21 (9.5) (without rigging or torch)</td>
<td>250</td>
<td>0-60* (0-25)</td>
<td>0-4 thick** (102)</td>
<td>2-54*** (51-1371)</td>
<td>120 vac, 2 amp</td>
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</tbody>
</table>

*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.

ESAB Welding and Cutting Products
esabna.com / 1.800.ESAB.123