Small Cutting Machine

**ESAB-straight line and circle cutting machines.**

**Special Features :**

- **Easy to handle**
  The Machines are light weight, and they have a wrap round handle for easy portability and protection.

- **Body**
  Made of pressed steel with wrap round handle and fibre glass heat deflector.

- **Versatile**
  Using extendable tracks, these machines can produce straight cuts on any length, square or bevel edge. With the same precision these machines can cut circles and also shape with gradual curves, when hand-guided.

- **Circle Cutting**
  Can be done with the use of circle cutting attachments, supplied as optional extra. This can be easily attached to the machines by two screws.

- **Cutter**
  **PUG and Cheetah :** Injector type, specially designed to prevent backfire.
  **PUG NM :** Nozzle mixing type, latest technology, much safer.

- **Cutter adjustment**
  Can be Swivelled to cut levels up to 45° with Rack and Pinion.

- **Fuel Gas**
  Acetylene or LPG can be used by selecting the appropriate nozzles. Two nozzles for use with Acetylene for cutting MS from 6 mm to 75 mm thickness supplied along with the machine. Cutter types and sizes are available as optional extras.

- **Motor**
  Machine are fitted with 220 volts Fractional Horse Power geared reversible motors. Power is fed through a Forward-Reverse toggle Switch.

- **Track**
  1.8 meter long Aluminium Track (for PUG & PUG NM) or Steel Track (for Cheetah) can be supplied as optional extra. The PUG/PUG NM Machines may be set to follow the edge of any straight piece of metal, 8 x 20 mm.

### Specifications

<table>
<thead>
<tr>
<th>MODEL NAME</th>
<th>ESAB PUG</th>
<th>ESAB PUG-NM</th>
<th>ESAB Cheetah</th>
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</thead>
<tbody>
<tr>
<td><strong>Cutting Capacity :</strong></td>
<td>Upto 75 mm thick MS</td>
<td>Upto 100 mm thick MS</td>
<td>Upto 150 mm thick MS</td>
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<tr>
<td><strong>Square Cuts</strong></td>
<td><strong>Bevel cuts (Upto 45°)</strong></td>
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</tr>
<tr>
<td>Circles</td>
<td>75-1140 mm diameter</td>
<td>75-1140 mm diameter</td>
<td>150-1140 mm diameter</td>
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<tr>
<td><strong>Cutting Speed</strong></td>
<td>190-800 mm/min</td>
<td>190-800 mm/min</td>
<td>120-500 mm/min</td>
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<tr>
<td><strong>Cutter</strong></td>
<td>IMC-3 Injector type</td>
<td>IMC-3 Injector type</td>
<td>IMC-150 Injector Type</td>
</tr>
<tr>
<td><strong>Speed Control</strong></td>
<td>Rotary resistance</td>
<td>Rotary resistance</td>
<td>Solid State Circuitry</td>
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<tr>
<td><strong>Gas Hose Connections (for 5 mm Hose)</strong></td>
<td>1/4” BSP RH &amp; LH</td>
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</tr>
</tbody>
</table>

**Optional:**

i) Circle cutting attachments  
ii) Extra nozzles for torches  
iii) Aluminium tracks