

# 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.

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## Specifications

MODEL NAME	ESAB PUG	ESAB PUG-NM	ESAB CHEETAH
<b>Cutting Capacity :</b>			
Square Cuts	Upto 75 mm thick MS	Upto 100 mm thick MS	Upto 150 mm thick MS
Bevel cuts (Upto 45°)	Upto 50 mm thick MS	Upto 75 mm thick MS	Upto 100 mm thick MS
Circles	75-1140 mm diameter	75-1140 mm diameter	150-1140 mm diameter
(Using standard circle cutting attachments, which can be supplied as an optional extra)			
<b>Cutting Speed</b>	190-800 mm/min	190-800 mm/min	120-500 mm/min
<b>Cutter</b>	IMC-3 Injector type	NM - type	IMC-150 Injector Type
<b>Speed Control</b>	Rotary resistance	Rotary resistance	Solid State Circuitry
<b>Gas Hose Connections (for 5 mm Hose)</b>	1/4" BSP RH & LH	1/4" BSP RH & LH	1/4" BSP RH & LH

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