



Cutting
of
All Metals

LOMELT

LOMELT 601

ac/dc*

PRINCIPAL APPLICATIONS:

Cutting of plates & pipes, piercing holes. Removing rivets, flash and risers.

SPECIAL FEATURES:

- Versatile electrode, cuts any metal.
- No supplementary equipment needed.
- Concentrated arc for cleaner cuts.

RECOMMENDATIONS:

For high speed, all position cutting and piercing of all metals. For burning rivets and bevelling metal. Most ideal for cutting and piercing carbon steel, S.S., C.I., Malleable iron, Nickel and its alloy, Aluminium, Copper and Bronze. Very less finishing required on cuts. Lomelt 601 can withstand high current without over heating.

PROCEDURE:

Mark the line of desired cut. Use ac or dc straight polarity. When using Lomelt 601 for cutting, use your hand pressure as well as the arc blow caused by exothermic reaction. When arc is struck, use sawing motion holding electrodes at 45° angle. Shorter the arc, "faster, cleaner and cooler" is the cut. For piercing holes, the electrodes should be held vertically and pushed in and out.

RECOMMENDED AMPERAGE:

Size	Range
3.15 mm	150-200 Amps
4.00 mm	200-240 Amps
5.00 mm	280-320 Amps



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