



CUTLITE PENTA

TUBE E



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TUBE E was created to make CUTLITE PENTA laser technology more accessible to all companies wishing to automate the cutting of metal tubes. Based on the well-established TUBE platform, it retains the fundamental features while evolving them.

The TUBE E system is an automatic system that allows to obtain a finished part in a single processing cycle. The system enables the processing of round, square, rectangular tubes, and open profiles (sections from 20mm to 220mm) with the speed, quality, and precision of laser technology.

Materials

You can process tubes made of mild steel, alloy steel, stainless steel, aluminum alloys, brass, and copper. The machine manages various types of cutting assist gases: oxygen for iron and mild steel, nitrogen for stainless steel. The CNC controls all operations from loading the bar to unloading the finished pieces.

Applications

The flexibility and excellent cutting performance allow TUBE E to be used in various industrial sectors. It is particularly advantageous for companies that require high-quality cutting for prototypes and small/medium series in a fast and economical way. The versatility in processing tubes of different sections and materials without specific tooling is appreciated by SMEs working as subcontractors and in the structural sector.

Advantages

TUBE E enables multiple operations in a single cycle, replacing several phases currently performed on separate machines. Laser cutting eliminates deburring and reduces overall cycle times. It reduces the need for storage and eliminates tooling and molds, allowing easy changes to the cutting geometry. This significantly reduces costs and time.

Laser

The extreme flexibility of the laser tool reduces product development times and enables the rapid creation of special applications and prototypes. Laser cutting ensures excellent quality while minimizing deformations thanks to the absence of mechanical actions. TUBE E is the ideal solution for accessing the advantages of laser technology with an affordable investment.



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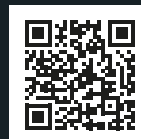
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