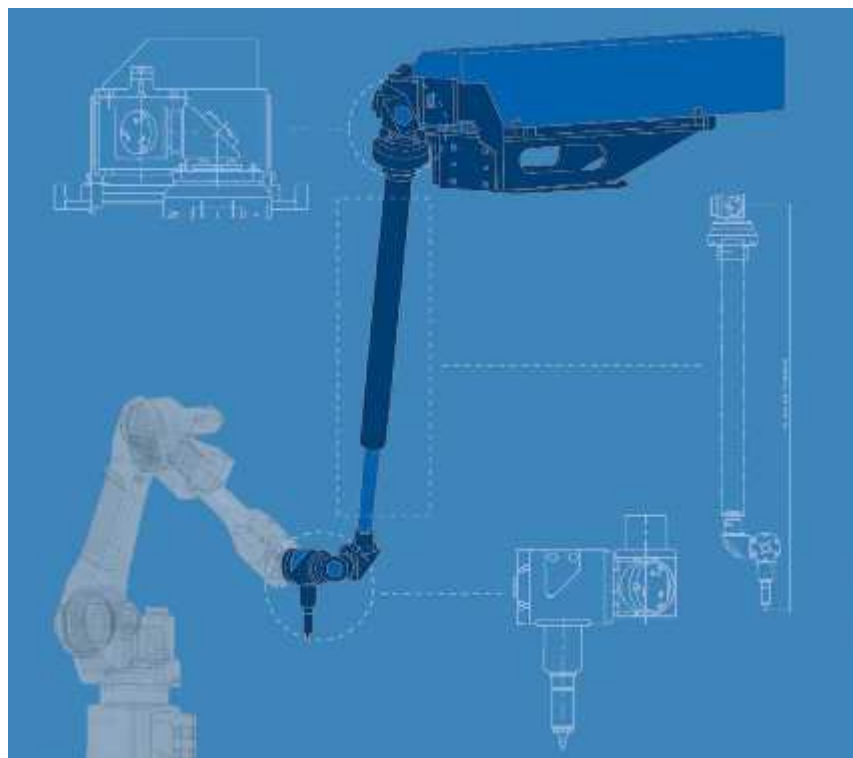


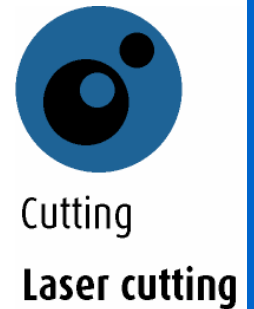
- Laser cutting machines for parts in 2D and 3d
- EINA has developed two state-of – the-art machine concepts, for three dimensions laser cutting operation on plastics, textile, synthetic, etc materials.
- Machine with revolving door and two stations equipped with security cabin, 6 axis robot, CO2 laser and telescopic articulated arm.
- Modular machine with one, two or three fixed nests tables., with closed cabin and isolating security doors with vertical movement. It's fitted with 300W or 600W CO2 laser and 2 axis CNC integrated.



Cutting

Laser cutting





Features

The telescopic articulated arm has been designed by EINA as a basic component to deliver a CO₂ laser beam in an industrial and reliable way down to the cutting head mounted on any kind of robot.

This arm moves together with the robot to make cuts on 3D parts at optimum robot speeds.

It is an accurate and light arm, weight compensated and with a simple beam delivery concept. It allows any kind of industrial applications making them simple, competitive and extremely reliable.

We supply two different models depending on the laser power to be delivered: EINA 300W and EINA 600W. The last one includes the possibility of mirror air cooling.

It is available by itself or mounted on any kind of ROFIN sealed CO₂ lasers, for which we have the standard base frames and mechanical adjustment devices to align the laser beam.

- Allows free movements of the 6 axis of a robot.
- Designed to work at maximum robot speeds.
- Easy to integrate on any standard robot.
- Adapter plates for KUKA, FANUC and ABB robots.
- Available for laser powers up to 300W or 600W.
- Very simple concept. Only 5 mirrors integrated.
- Mirrors prepared for air cooling (only in 600W model).
- Cutting head with anti-collision system.
- Beam path prepared to be pressurized with purge air.
- Light and weight compensated to provide minimum load to the robot.
- A special design for 3 axis cutting machines is also available.

EINA
ESTUDIOS DE INGENIERÍA ADAPTADA

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