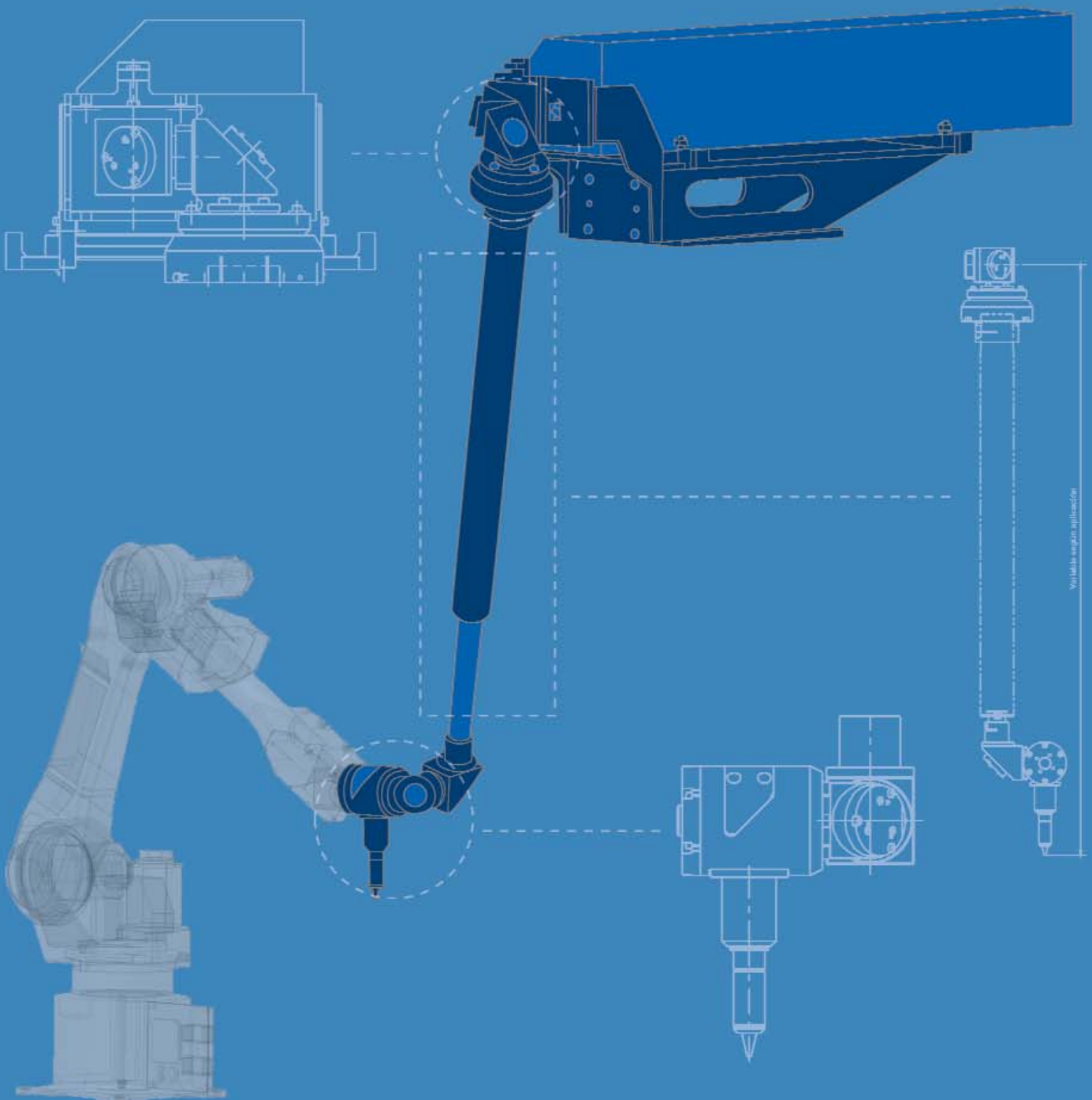


## EINA 300 / 600 Articulated arm for CO2 laser Delivery laser beam kit





Articulated arm for CO2 laser



Rofin SC x30



Rofin SC x60

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.

#### EINA 300/EINA 600 FOR LASER CUTTING MACHINES

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

#### Applications

Cutting and welding of a broad range of materials.



Cutting of plastic parts



Fabric



Automotive parts



Plastic moulding

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