CEREST
Ingénierie Industrielle - Machines spéciales



Rotary tools

for welding robotic unit

● **Mechanical engineering** ● **Realizations** ● **Cabling** ○ **Machines**

This set of two rotating tools allows **the referencing and holding in position** of components during welding operations.

The tool integrates a part indexing **function to guarantee an optimal welding position of the components** ('melt pool' in horizontal position).

A function of detection by a **photocell** of the presence of tube allows to discriminate different types of cap.

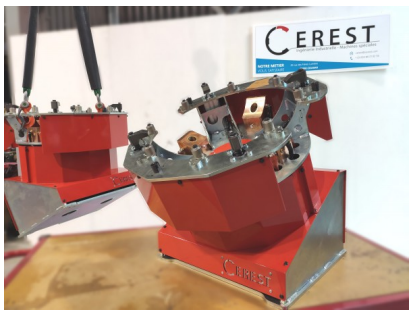
The clamping of the main component is ensured by a set of **4 rotary cylinders.**

The tool is equipped with a **rotating joint** to allow the ways of the required energies: cooling water for the copper blocks, inerting gas, pneumatic clamping energy.

This tools are mounted on a revolver table and the welding of the components is carried out by a robotized unit (customer installation).

SPECIFICATIONS :

- **4 indexing positions**
- **Clamping force = 4x50daN**







Reference : 3493

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