

SAPELEM › COBOTICS › HANDLING › MECHANICAL PARTS

MECHANICAL PARTS MANIPULATOR by PILOTED CLAMP

PROJECT: Titanium bars and reactor blades

The manipulator must grip and release the bars or the blades:

- Horizontally in a container
- Vertically on the mobile support (1m/mn) of a glazing line

Between the grip and the release, the part is mechanically swivelled from 0° to 90°

CUSTOMER APPLICATION:

Capacity: 30kg

Pace: 60 (cycles/h)

Parts length: up to 1.50m

ADOPTED SOLUTION:

Gripping the parts (interchangeable jaws - a set for round parts – a set for blades) by pneumatic tightening piloted by the Zii handle

The grip (pushing 2 buttons)/release and up/down operations are combined to guarantee safety and pace.

Integration under an R2a multi-articulated arm, range: 3.6m

The swivelling of the parts is made by pressing and holding pneumatic buttons.



SAPELEM is present in every industry and conceives high performance handling systems adapted to every activity.

Whatever the product weight, height, size or material, our engineers and ergonomists will find the solution to handle your products intuitively.

Please feel free to present us your handling projects.

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