

SAPELEM › COBOTICS › HANDLING › CARDBOARD

CARDBOARD MANIPULATOR by SUCTION CUP

PROJECT: Cardboard

The manipulator must grip the cardboards 2 by 2 at the end of the line.
The 2 cardboards are then gathered in an over-packaging and palletized.
The manipulator is able to handle cardboards individually or 2 by 2.

CUSTOMER APPLICATION:

Capacity: 20kg
Pace: 200 (cycles/h)

ADOPTED SOLUTION:

Installation of 2 manipulators for 2 workstations in parallel

Grip by suction cups, while safety is guaranteed for the users: audible alarm, hold of the products in case of electric supply shut down.

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

Pillars fixed on an effort-spreading plate, avoiding civil works when the concrete slab is not thick enough.

Safety in case of power shut-down: hold of the load thanks to an inverter

Controls on a console with a long handle and off-centred buttons for an ergonomic posture during the whole palletizing cycle



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