

SAPELEM › ROBOTICS › HANDLING › CAR BODYWORK

CAR BUMPER MANIPULATOR by SUCTION CUPS

PROJECT: Front car bumper

The operator grips the bare bumper in tilted position and places it in stable position. Then, they proceed to its equipment and put it in a rack in transport position.

CUSTOMER APPLICATION:

Capacity: 15kg

Pace: 80 (cycles/h)

Appearance parts on which no gripping trace should be left

Flexible and voluminous parts, thus difficult to handle by only one operator

ADOPTED SOLUTION:

Gripper with 4 suction cups + 2 side suction cups to guarantee stability

Suction cups positioned where the number plate is located

Optimisation of the ergonomics and the pace

Safety: no release allowed during handling and in case of power cut-off

Integration: electronic load balancer mounted under hollow profile rails



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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