

SAPELEM › COBOTICS › HANDLING › MELAMINE

MELAMINE PANELS MANIPULATOR by SUCTION CUPS

PROJECT: Loading/Unloading a panel saw

The manipulator must grip and release horizontally the melamine wood panels (air-tight) for the loading and the unloading of a cutting line.

CUSTOMER APPLICATION:

WLL: 125kg

Sizes: mini = 0.60x0.40m – maxi = 2.64x1.61m

Pace: 30 (cycles/h)

ADOPTED SOLUTION:

Gripper with 5 suction cups ø150mm

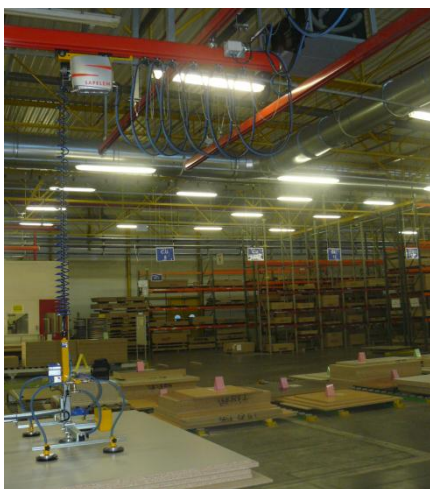
4 adjustable suction cups, enabling to grip panels of different sizes

Integration under an R2a multi-articulated arm or under crossed profiled rails 10x8m

Secured air-saving vacuum generator

Valves for a quick release of the parts (avoids self-priming)

The gripping/up and down/releasing operations are combined to guarantee the safety and the pace.



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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