

SAPELEM › ROBOTICS › LIFTING BEAMS › INSULATING PANELS

VACUUM LIFTING BEAM – PANEL INVERTER

PROJECT: Inverting insulating panels

Turning insulating panels with one metal sheet side to 180°, following the horizontal axis for an inspection

CUSTOMER APPLICATION:

WLL: 225kg

Sizes: fixed width 1.20m – length 1.50 to 4.50m – thickness 50 to 200mm

ADOPTED SOLUTION:

180° inverter lifting beam including:

- C-shaped structure to balance the load
- Longitudinal beam fixed length 2.00m
- 2 suction cup carrying arms, longitudinally adjustable (indexed positions)
- 4 swivelling suction cups adjustable on the arms (indexed positions)
- Turnaround made by gear motor and slewing ring of the lifting beam
- Vacuum generated by a safety vacuum unit
- Manoeuvre handlebar and snapped-on button box



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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