

SAPELEM › COBOTICS › LIFTING BEAMS › CONICAL PARTS

VACUUM LIFTING BEAM – ROCKET COVERS INVERTER

PROJECT: Inverting rocket covers

Gripping rocket cover cones following the vertical axis after turning them 180°

CUSTOMER APPLICATION:

WLL: 200kg

Max size: ø 1.60m – height: 3.00m, conicity differences

Very breakable and expensive parts

ADOPTED SOLUTION:

180° inverter lifting beam including:

- C-shaped structure to balance the load
- 2 suction cup carrying arms adjustable depending on the ø of the cones (indexed positions)
- 10 flexible suction cups fixed on the arms
- 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

Storing trolley of the lifting beam



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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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