

**SAPELEM › COBOTICS › LIFTING BEAMS › INSULATING PANELS**

**VACUUM LIFTING BEAM – SWIVELLING CLADDING PANELS**

**PROJECT: Swivelling cladding insulating panels**

Horizontal movement and swivelling up to 35° to release cladding panels on roof  
 Use on construction site under a crane: double vacuum circuit to comply with standards  
 Autonomous lifting beam, with no power cable  
 The lifting beam must be easy to move on roads.

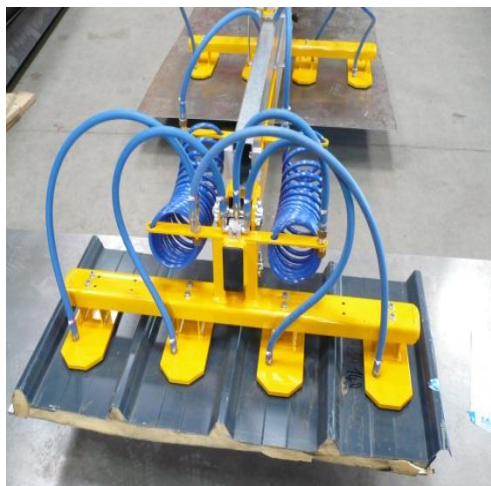
**CUSTOMER APPLICATION:**

WLL: 150kg  
 Surfaces: lined profile, with or without rib of 250 or 333mm  
 Sizes: width: 1.00m – length: 5 to 11m  
 Integration: fixed structure with 1 lifting ring

**ADOPTED SOLUTION:**

Swivelling structure, composed of

- 4 adjustable transversal arms (indexed positions)
- 2 telescopic longitudinal beams (indexed positions)
- 16 fixed suction cups on the transversal arms (depending on panel profiles)
- Vacuum generated by a safety vacuum unit (double vacuum circuit)
- Swivelling made by a jack
- Snapped-on button box
- 12 volt battery power (battery charger and saver included)
- Minimal dimensions of the lifting beam: length = 4.80m – width = 0.93m – height = 1.90m



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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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