



BEFARD

VACUUM GRIPPER
FOR SANDWICH PANELS

XR500

FEATURES OF THE BEFARD **VACUUM GRIPPER**:

The gripper is designed for carrying and mounting:

- Horizontal and vertical wall panels up to approximately 15 meters long (depending on the panel filling),
- Roof panels up to approximately 20 meters long (depending on the panel filling),
- Other panels, e.g., with a sinusoidal profile (specially adapted suction cups)

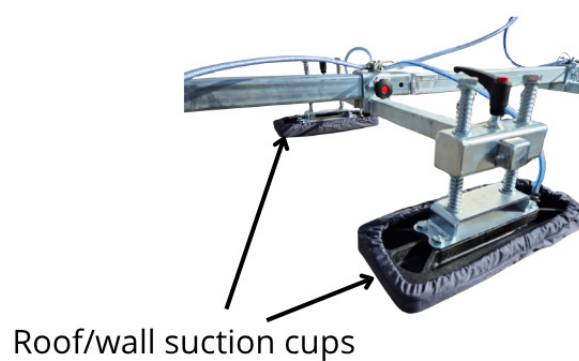
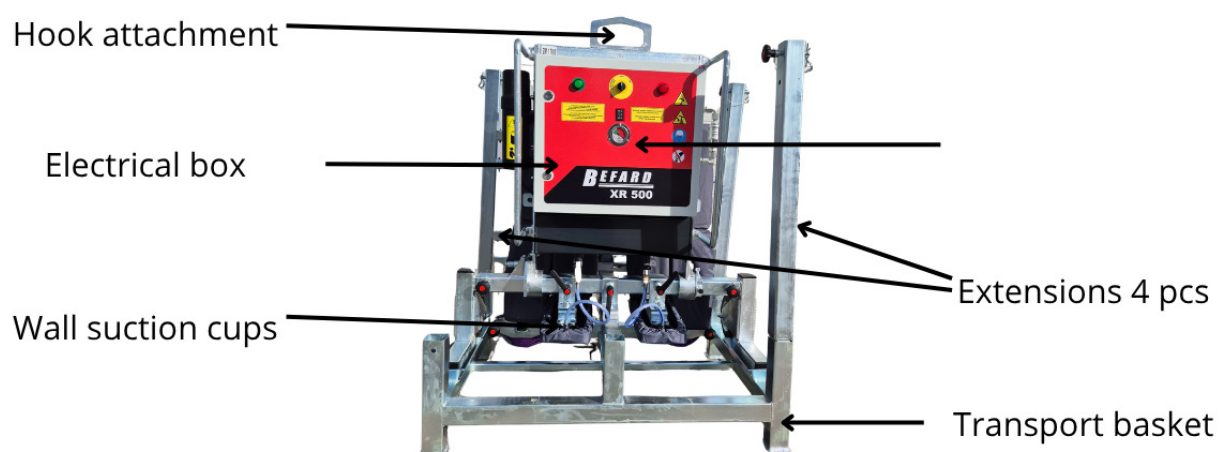
TECHNICAL PARAMETERS

Vacuum system:	single-circuit (optional dual-circuit)
Number of suction cups:	10
Suction cup dimensions	160mm x 420 mm Optional(80m x 500 mm)
Number of arms:	4 pcs - expandable to 8 pcs optionally
Additional security features:	Belts included
Control:	Manual - optional remote control
Maximum board dimensions:	15- 20 m
Mounting position:	Vertical/Horizontal
Maximum load capacity.	600 kg
Power supply:	Battery 2 x 12 V
Temperature range:	+3°C - +40°C



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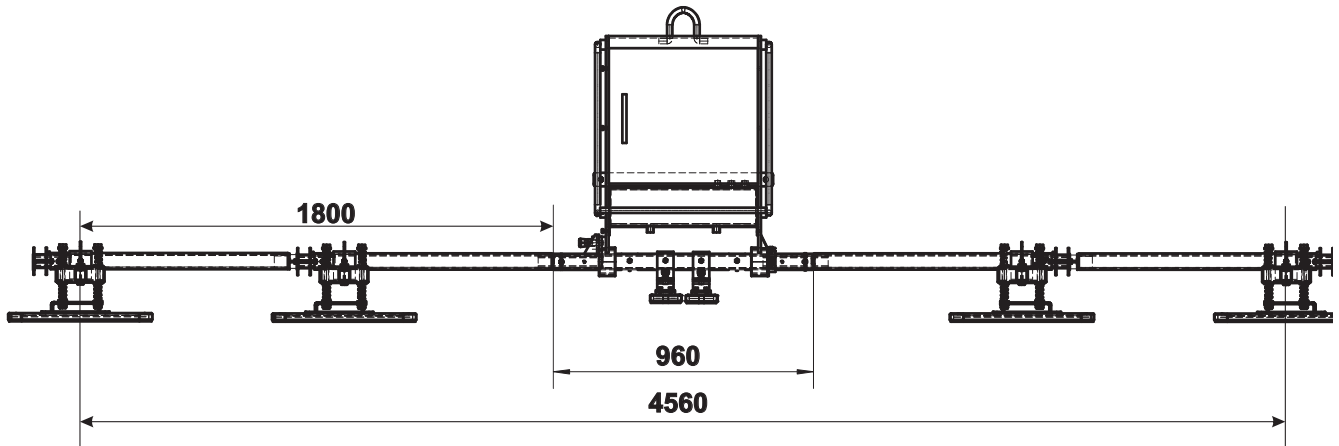
GRIPPER CONSTRUCTION



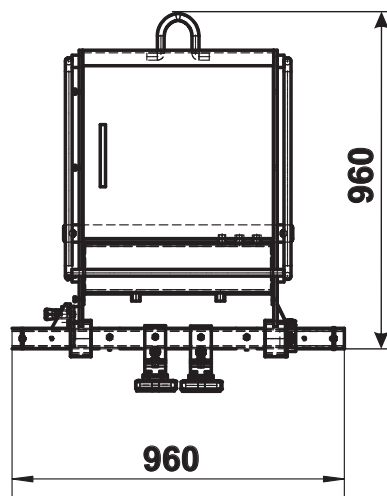
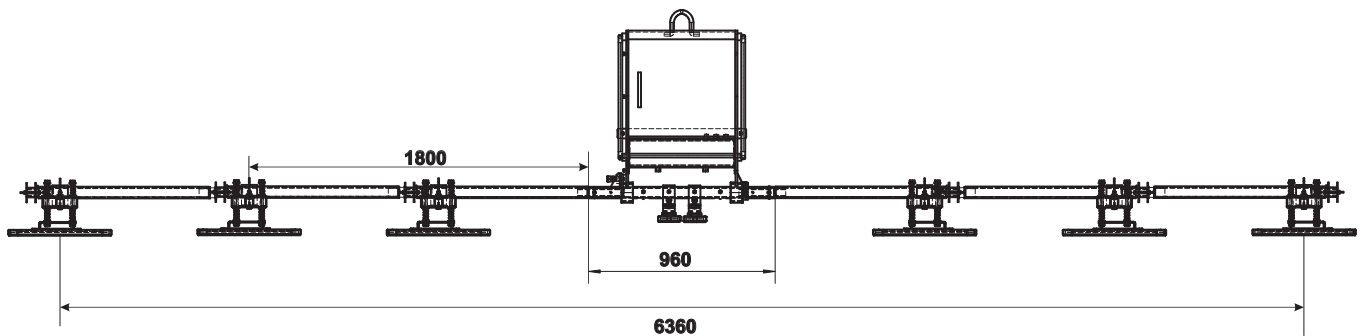
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GRIPPER DIMENSIONS

STANDARD



WITH ADDITIONAL ARMS (2 PCS) OPTIONALLY POSSIBLE TO USE 4 PCS



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SELECT OPTIONAL

TWO-CIRCUIT VACUUM SYSTEM

The XR 500 can be equipped with a two-speed vacuum system, which allows the device to be adapted to various applications.

PILOT

The remote control allows for safe and convenient activation of the sandwich panel gripper's vacuum functions without the need for direct access to the device. This allows the operator to control the load gripping and release process from a safe distance.

NARROW SUCTION CUPS

The narrow 8/50 cm suction cups are specifically designed for gripping and moving sandwich panels with a profiled surface. Suitable for panels with a step of less than or equal to 5 mm.

SPARE BATTERIES

To ensure continuous operation and maximum mobility, the gripper can be equipped with spare batteries. This allows for quick replacement of the power source without interrupting work.

SPARE GASKETS

Spare seals are an essential part of the vacuum gripper's operating equipment. They ensure complete system tightness and safe operation of the device even after long periods of use. Regular inspection and replacement of seals helps maintain maximum suction cup efficiency and full vacuum force.

ADDITIONAL ARMS FOR GRIP EXTENSION

Additional arms allow you to extend the gripper and adapt it to the assembly of larger or non-standard elements (max 4 pcs).

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BEFARD XR500 IN ACTION



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