

# Series

## KOMBI



Power supply

Batteries



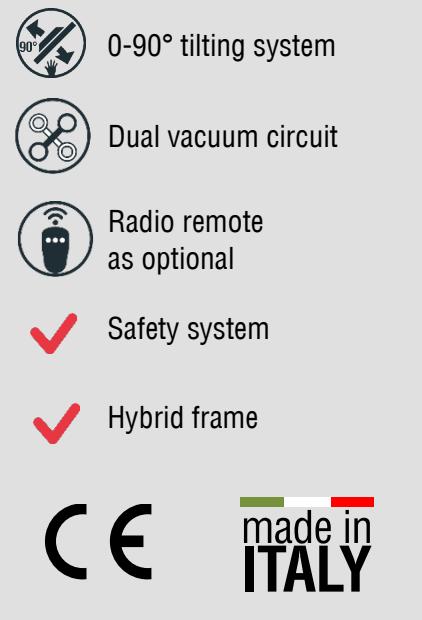
KOMBI is a hybrid vacuum lifter designed for **the installation of glass and sandwich panels** on construction site. The vacuum lifter is powered by high-capacity rechargeable and removable batteries. In compliance with European Laws EN13155, KOMBI is equipped with a dual vacuum circuit and safety devices.

This model can be equipped with four or eight suction pads specifically for handling **glass sheets and windows up to 1200kg**. Besides the suction cups for glass, it is possible to add four long and narrow suction pads specific for **roof and wall insulated panel up to 250kg**. The suction pads, placed on removable arms, adapt to flat, micro-ribbed and trapezoidal surfaces, thus ensuring a firm grip onto the load.

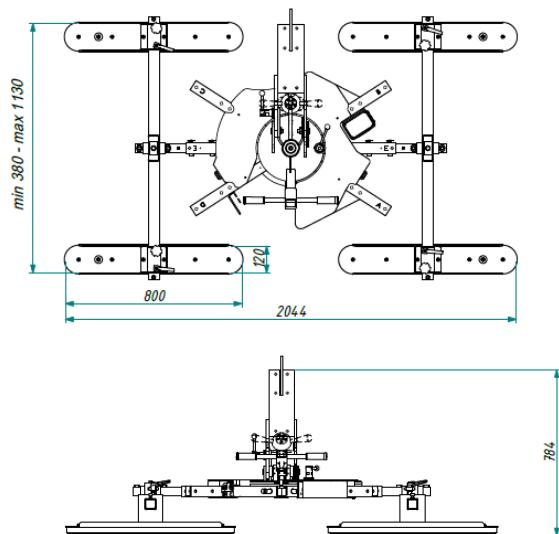
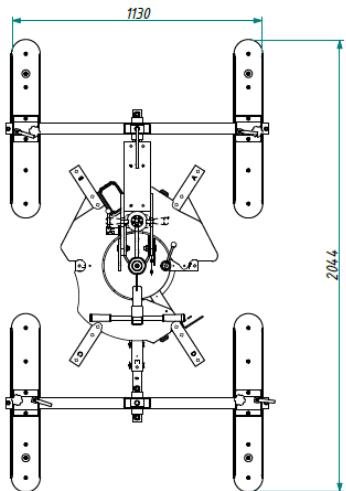
KOMBI allows the **0-90° tilt and 360° rotation** of the load by pulling dedicated plungers. On request, it is possible to have both movements powered. Load suction and release can be manually activated by sliding a dual-action command valve. The wireless control via radio remote control is available as optional.

### Technical specifications

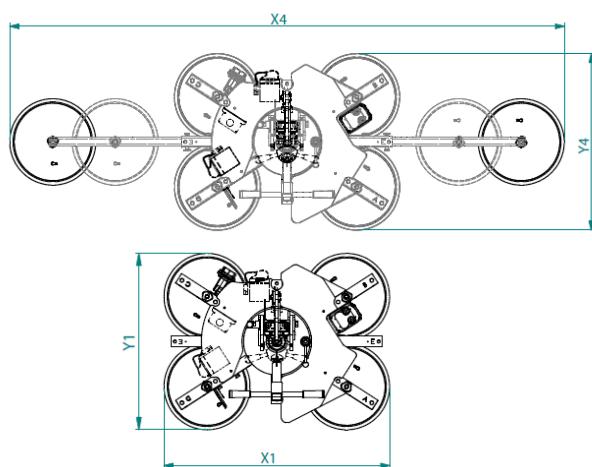
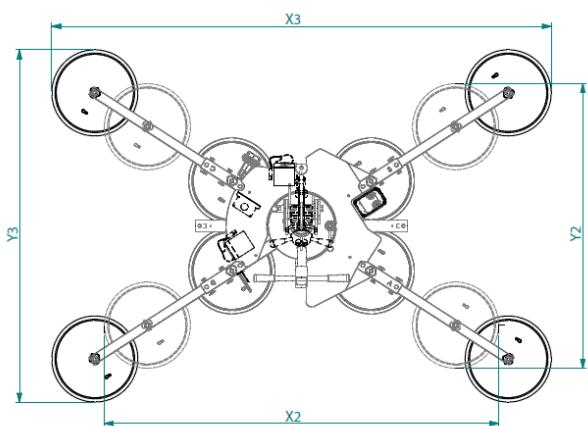
Application	Glass and windows installation Instalalition of roof and wall sandwich panels
Lifting capacity	Glass – max 400/600/800/1200 kg (please specify during order) Sandwich Panels - max 250 kg
Load movement	0-90° tilting system 360° continuous rotation with possibility of lock every 90°
Power supply	DC vacuum pump powered from on-board batteries High-capacity re-chargeable batteries with battery level indicator Battery charger included Quick change battery pack
Vacuum system	2 independent vacuum circuits, each vacuum circuit with vacuum reserve and non-return valve
Tare	Depends on configuration
Control	Manual ON/OFF valve for load suction and release Release of the load by dual action security command Radio remote control for load suction and release (optional)
Technical features	Audible and visual low vacuum warning devices Vacuum gauge for each vacuum circuit Battery charger 240 Volt



## Technical drawings for sandwich panels



## Technical drawings for glass installation



Capacity and pad spread with suction pads Ø 310mm

Configurations			Suction pad spread
Pads in use	Config. capacity (kg)	Dimensions	mm
4	400	X1 * Y1	863 * 666
4 + 4	800	X2 * Y2	1700 * 1210
4 + 4	800	X3 * Y3	2145 * 1488
4 + 2	600	X4 * Y4	2430 * 715

Capacity and ad spread with suction pads Ø 390mm

Configurations			Suction pad spread
Pads in use	Config. capacity (kg)	Dimensions	mm
4	600	X1 * Y1	1019 * 795
4 + 4	1200	X2 * Y2	1780 * 1290
4 + 4	1200	X3 * Y3	2248 * 1596
4 + 2	900	X4 * Y4	2510 * 800