



HEAVY-DUTY ALL-TERRAIN OFFROAD GLASS LIFTING ROBOT

Versatile 600 kg capacity all-terrain glass lifting robot with synchronised electric control and flexible boom extensions. The ideal compact device for glazing and lifting of heavy glasses, windows and door elements, facade parts or as a handling device for various applications.



Core capabilities

Swings loads laterally $\pm 90^\circ$

Maneuver glass and door elements through narrow doorways and alleyways without repositioning.

Tilts loads to horizontal

Lower loads from vertical to flat for direct pickup from crates, pallets, and production lines.

Floor-to-overhead operation

Electrical tilting from ground-level (approx. 20 cm) to overhead position in one motion with SDKG joint.

One-person operation

All movements controlled electrically via cable or wireless remote control.

Standard equipment

900 mm electric boom · Synchronized control · Battery vacuum suction · 24V actuators · Differential drive · Gas pressure dampers · Flexible axle positioning · Multi-function cable remote · Removable counterweights (12 × 23 kg) · Protection covers.

Technical specifications

LOAD CAPACITY
600 kg

HEIGHT
1,530 mm

LENGTH
2,550 mm

DEAD WEIGHT
865–970 kg

WIDTH
937 mm

POWER
24V rechargeable

Why the KS Robot 600 excels

All-terrain capability

All-terrain differential front-wheel drive masters difficult terrain—crushed stone, gravel, grass, wet and slippery floors typical of construction sites.

Smooth, shock-free operation

High-quality lifting cylinders with gas pressure dampers compensate for shocks when travelling on uneven ground.

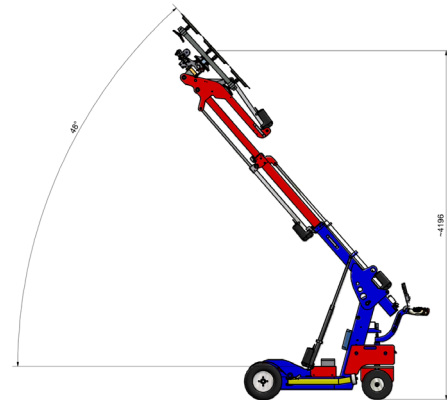
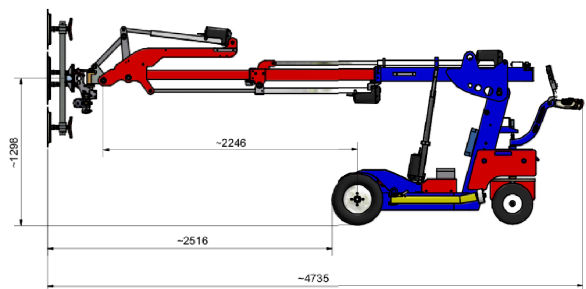
Synchronized electric control

24V battery enables one-person operation with smooth movements via cable or wireless remote



Specifications

- Removable counterweights: 12 x 23 kg (standard) or 14 x 23 kg (with SDKG/double telescope)
- Power supply: rechargeable battery, 24V
- Standard telescopic boom: 900 mm
- Electrical boom reach: 900 mm (standard)
- Additional outreach with SDKG joint: 170 mm
- All-terrain offroad tyres with differential front-wheel drive
- High-quality lifting cylinders with gas pressure dampers
- Synchronized control unit for constant angle assembly
Flexible axle positioning
- Multi-function cable remote control with optional wireless upgrade
- Load capacity, dead weight and counterweights vary by equipment configuration



Options

- Special articulated joint (SDKG) — fully electrical floor-to-overhead tilting with 170 mm additional outreach
- Electrical boom extension 900mm — extends total reach to 1,800 mm (requires SDKG joint)
- Mechanical boom enhancement 900mm — hand-operated alternative boom extension (requires SDKG joint)
- Electrical turning unit +/- 45° — powered suction unit rotation with 360° manual backup
- Fast coupling for suction pads — individual suction pad disconnection and control
- Load hook for KS Robot 600 — versatile alternative to vacuum suction system
- Load fork KS Robot 600 — pallet handling capability (max. 600 kg load)
- Set of additional slim-wheels (front) — reduces width to approx. 750 mm for narrow doors
- LED projector — magnetic socket with battery-powered operation
- Wireless remote control with 10 functions — replaces or supplements cable remote
- Loading ramp 2.6m x 1.0m — for transport vehicle loading (max. 1,000 kg)
- Protection covers for suction pads 360mm
Individual suction pad fast-coupling system