

TECHNICAL DATA SHEET

BATLIFT – FORKLIFT MOUNTED VACUUM LIFTER

MODEL: QFT1B



DESCRIPTION

The Batlift QFT1B is a forklift-mounted vacuum lifter designed for the safe handling of tilt panels and sheet materials up to 7000 x 1500 mm, with a maximum lifting capacity of 750 kg. This self-contained system requires no external power source or reeling drums, making it easily interchangeable between forklift trucks.

FEATURES

- ❑ Radio-operated controls for lifting, releasing, and 90° tilt function
- ❑ Four heavy-duty VKT40/40 suction pads (187.5 kg SWL each) on an adjustable suspension beam.
- ❑ On-board battery pack with 1-2 day operating cycle and integral 220V smart 3-stage charger.
- ❑ Automatic pump cut-off at maximum vacuum to prolong battery life
- ❑ All-steel pad construction with replaceable rubber seals suitable for rough or smooth surfaces



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SAFETY

- ☒ Minimum 3:1 safety factor maintained at all times
- ☒ Continuous audio-visual status indication: green confirmation lamp, warning buzzer, and red xenon flash
- ☒ Load remains secure until vacuum drops below 20%
- ☒ Minimum 20-minute hang-on time in the event of power failure (up to 7 days powered)
- ☒ Every unit factory-tested with concrete to twice the rated lifting capacity

LOW MAINTENANCE

- ☒ Replaceable pad seals last 12+ months in standard applications and can be changed in minutes
- ☒ Advanced DC vacuum pump requires minimal servicing
- ☒ No installation or external connections required

SPECIFICATIONS

SPECIFICATION	DETAIL
Model	Batlift QFT1B
Maximum Lifting Capacity	750 kg
Safety Factor	Minimum 3:1
Dead Weight	395 kg
Vacuum Pump	DDVLCX2 DC Vacuum Pump
Vacuum Supply Unit	DDVLCX1
Electric Motor	12V DC / 4Ah
Power Supply	On-board battery pack (1-2 day operating cycle)
Battery Charger	Integral 220V smart 3-stage charger with condition meter
Control System	Radio-operated 3-way valve (suck/release)
Tilt Function	90° Linak electric actuator, radio controlled
Suction Pads	4 x VKT40/40 heavy duty (SWL 187.5 kg each)
Pad Seal	40 x 25 mm replaceable rubber seal
Safety Alarms	Audio buzzer, red xenon flash, green vacuum OK lamp
Power Failure Hang-On Time	Minimum 20 minutes (up to 7 days powered)
Auto Cut-Off	Yes – at maximum vacuum

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DIMENSIONS

COMPONENT	DIMENSION	MEASUREMENT
Maximum Panel Size	Length x Width	7000 x 1500 mm
Pad Suspension Beam	Length	3000 mm
Cross Beams (X-Beams)	Quantity x Length	2 x 1000 mm (adjustable on main beam)
Suction Pads (VKT40/40)	Length x Width	400 x 400 mm
Pad Seal Profile	Width x Height	40 x 25 mm
Dead Weight	Total Unit Weight	395 kg

CERTIFICATION

Manufactured strictly in accordance with the following standards:

STANDARD	DESCRIPTION
AS4991	Lifting Devices
2006/42/EC	EU Machinery Directive
95/15/EC	Lifts Directive
2006/95/EC	Low Voltage Directive
2004/108/EC	Electromagnetic Compatibility Directive (EMC)

