



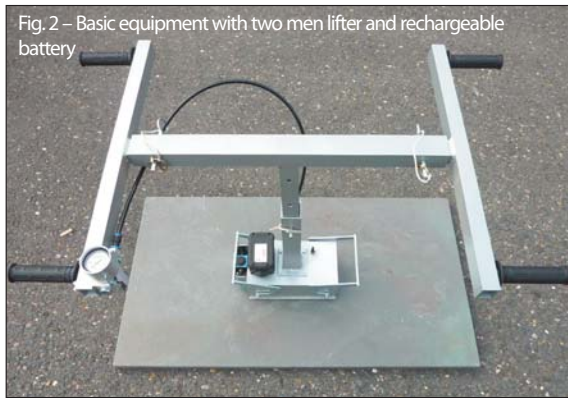
Fig. 1 – Used on site of the new Walt Disney World in Hongkong

Application made for patent

### **The vacuum lifter – battery- or mains operated**

- Ideal for landscape gardeners and natural stone business
- High energy by lithium-ion batteries
- For smooth and rough surfaces
- Suited for almost all air-tight materials like natural stone- or concrete paving ...

# Beta Levator - the vacuum lifter for professionals



All smooth/rough and air-tight types of natural stone- and concrete paving can be easily lifted, transported and laid by the Beta Levator. Immediately after the Levator is positioned, it attaches itself securely to the paving.

The Levator releases the paving, when required: open the valve.

**Specification:** The Beta Levator consists of a strong aluminium box with all component parts packed in. A vacuum pump creates the vacuum. The vacuum chamber is sealed by an elastic rubber. The self-adhesive sealing can easily be exchanged.

**Basic equipment:** Vacuum lifter is fitted with a two men lifter for two men operation. The two men lifter can be adjusted in height from 500 to 700 mm and in width from 850 to 1,250 mm. One man lifter is also available.

As standard the Levator is equipped with a water trap and a pressure gauge.

**Battery operation:** The powerful lithium-ion battery has no memory effect and allows permanent operation of approx 3 hours. Charging time of approx 2 hours is required for the 220 V-50 Hz charger.

**Mains operation:** The basic equipment is connected to 220 V power pack via a 5 m cable.

Suction pads of specific sizes on request.

Order No.	Model	Carrying Capacity	Width x Length	Weight
<b>816 200</b>	Beta Levator with two men lifter and 2 rechargeable batteries *	100 kg **	160 x 275 mm	12.0 kg
<b>049 735</b>	Charger 220 V/12 V			0.6 kg
<b>049 736</b>	Rechargeable battery			0.3 kg
<b>816 201</b>	Beta-Levator with one men lifter and 2 rechargeable batteries *	100 kg **	160 x 275 mm	11.0 kg
<b>815 202</b>	Beta-Levator 220 V with two men lifter	100 kg **	160 x 275 mm	12.0 kg
<b>815 400</b>	Suction pad 260 x 460 mm with adapter	150 kg **	275 x 460 mm	2.0 kg

\* The vacuum lifter must only be used close to the ground and may not be used in conjunction with material handling lifting equipment.

\*\* The maximum carrying capacity on an optimal surface will work at a low pressure of -0.65 bar min. In the case of rough or porous surfaces, the carrying capacity decreases or does not exist.