



## VACUUM-POWER-HANDY VPH

Flexible and powerful hand operated laying device for dense products, such as granite or high quality concrete elements up to 150 kg weight.

### Consisting of the following components:

▶ Vacuum pump unit with manometer and suction force indicator, battery charging indicator and on/off switch. Complete unit detachable, can also be mounted on other devices.

### Special features:

Special seal, consisting of 2 components for optimised sealing. Even when the suction plate is sitting on sharp edges for a long time, no permanent marks are left in the seal. Therefore no "foldable rests" are necessary to save guard the seal.

▶ Highly wear-resistant seal!

▶ Powered by rechargeable battery 12 V. Special energy saving automatic allows a full day of laying operation without the need of recharging. Battery charger not included.

▶ Handle for 2 men operation, handles height and width adjustable to accommodate with different laying tasks.

▶ With Suction plate

▶ Galvanised

▶ The seal can be exchanged without glue and any tool within 1 minute.

▶ Fitted as standard with chain compartment and load securing chain as well as lifting eye for hoist operation.

Type	Working Load Limit WLL* kg (lbs)	Dead Weight kg (lbs)	Suction Plate Dimension mm (in)	Order-Number
VPH-100 <sup>Ⓢ</sup>	100 (220)	16 (35)	260 x 210 (10 <sup>1</sup> / <sub>4</sub> " x 8 <sup>1</sup> / <sub>4</sub> "	5271.0009
VPH-150 <sup>Ⓢ</sup>	150 (330)	16,5 (36)	oval 440 x 250 (17 <sup>1</sup> / <sub>4</sub> " x 9 <sup>3</sup> / <sub>4</sub> "	5271.0008

## Suction Plates

Type	Suction Plate Dimension mm (in)	Working Load Limit WLL* kg (lbs)	Dead Weight kg (lbs)	Order-Number
VPH-SPS-HP-100-26/21 <sup>Ⓢ</sup> for VPH 100	260 x 210 (10 <sup>1</sup> / <sub>4</sub> " x 8 <sup>1</sup> / <sub>4</sub> "	100 (220)	3,0 (7)	4270.0109
VPH-SPS-HP-150-44/25 <sup>Ⓢ</sup> for VPH 150	oval 440 x 250 (17 <sup>1</sup> / <sub>4</sub> " x 9 <sup>3</sup> / <sub>4</sub> "	150 (330)	6,0 (13)	4270.0050
ED-SPS-HP-100	Replacement seal for VPH-SPS-HP-100-26/21			4273.0004
ED-SPS-HP-150	Replacement seal for VPH-SPS-HP-150-44/25			4273.0012
<b>Special Suction Plates:</b>				
VPH-SPS-75-22-RD <sup>Ⓢ</sup>	round 220 x 220 (8 <sup>1</sup> / <sub>2</sub> " x 8 <sup>1</sup> / <sub>2</sub> "	75 (165)	2,0 (4)	5250.0157
VPH-SPS-40-38/9 <sup>Ⓢ</sup>	380 x 90 (15" x 3 <sup>1</sup> / <sub>2</sub> "	40 (90)	4,0 (9)	4270.0052

\* Value at 500 mbar low pressure

## Accessory

Type	Description	Order-Number
Battery-12V/6,5 Ah	Spare storage battery for VPH-100 and 150	2420.0007
VPH-LG-220 V/12V	Battery charger for VPH-100 and 150	2420.0004



## Wheel Set VPH-RS

Wheel Set VPH-RS can be retrofitted to any VPH device at any time.

Thus dense slabs can be installed by just one person.

Type	Working Load Limit WLL kg (lbs)	Dead Weight kg (lbs)	Order-Number
VPH-RS <sup>Ⓢ</sup>	150 (330)	7,6 (17)	4271.0072

Ⓢ Durable surface protection by galvanizing