



## STONEMAGNET SM Vacuum Lifting Device



SM-1200



SM-1200 mit SM-1200-BB

**Powerful, battery-operated vacuum lifting device for suction-tight stone slabs, concrete elements or steps.**

The STONEMAGNET SM is the ideal tool for demanding installation work on absorbent stone slabs, concrete elements and steps - independent of the mains power supply thanks to the replaceable 12 V battery. The battery can be changed in seconds and the charge level indicator informs you of the remaining capacity at all times. The robust, galvanised housing has an integrated crane suspension for attachment to any lifting device. Thanks to the quick-release fastener, the suction plates can be exchanged effortlessly so that the device is quickly ready for any application.

**The STONEMAGNET SM-1200 is a battery-powered vacuum attachment with 1,200 kg load capacity, ideal for laying stone slabs and concrete elements without a power connection. The 12 V battery with power-saving automatic provides a full working day of power.**

With a **quick-change interface and maintenance hatches on both sides**, the SM-1200 offers maximum flexibility. The **automatic locking mechanism** for the suction plates and the all-round **impact protection**, which also serves as a handle, ensure easy handling and safety.

- Can be used with any lifting gear.
- Two vacuum pumps.
- Drive via rechargeable, replaceable 12 V AGM battery. Charging socket integrated for charging. (charger not included in scope of delivery)
- Power provided by power-saving automatic system sufficient for a working day.
- Battery can be replaced in seconds without tools.
- Charge level indicator via LEDs built into the housing.
- Durable surface protection thanks to galvanisation.
- With integrated chain compartment and load securing chain.
- Warning lights to indicate a drop in pressure.
- Manometer.
- Automatic pump-down in the event of a pressure drop.
- Vacuum dirt filter to protect the pump.
- Vacuum reservoir for faster evacuation.
- Non-return valve to temporarily secure the load in the event of a pressure drop.
- Operating handle optionally available.

**SM-1200:** The STONEMAGNET SM-1200 offers a load capacity of 1,200 kg (with corresponding suction plate) and a 12 V battery with automatic power saving for long periods of use. Maintenance flaps on both sides for optimum accessibility, quick-change interface for suction plates, automatic locking by gravity. All-round impact protection serves as a handle for easy levelling. Optionally available with ergonomic operating handle.

| Type    | Description                                           | Working Load Limit/WLL<br>-500 mbar kg (lbs) | Dead Weight kg (lbs) | Type of Drive electric/<br>Battery kW | Working Voltage V | Order-Number |
|---------|-------------------------------------------------------|----------------------------------------------|----------------------|---------------------------------------|-------------------|--------------|
| SM-1200 | Basic unit with AGM battery,<br>without suction plate | 1,200 (2,646)                                | 40 (88)              | 0.093                                 | 12                | 52720009     |

## Accessories:



AGM-AKKU 12V/26Ah

LG-220 V/12V

SM-SPS-200-58/28

| Type                      | Description                                                                                                   | Working Load Limit/WLL - 500 mbar kg (lbs) | Dead Weight kg (lbs) | Dimensions L x W mm (in)       | Working Voltage V | Battery Capacity Ah | Order-Number    |
|---------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------|--------------------------------|-------------------|---------------------|-----------------|
| <b>AGM-AKKU 12V/26Ah</b>  | Spare storage                                                                                                 |                                            | 9.1 (20)             |                                | 12                | 26                  | <b>24200008</b> |
| <b>LG-220 V/12V</b>       | Battery charging device w/ overload protection and charging current limiting. Housing is water and dust-proof |                                            |                      |                                |                   |                     | <b>24200152</b> |
| <b>SM-1200-BB</b>         | Operating handle for retrofitting to the SM-1200                                                              |                                            | 3.5 (7.72)           |                                |                   |                     | <b>42720461</b> |
| <b>SM-SPS-1000-99/49</b>  | Suction plate                                                                                                 | 1,000 (2,205)                              | 23 (51)              | 990 x 490<br>(38.98 x 19.29)   |                   |                     | <b>42720456</b> |
| <b>SM-SPS-120-80/12</b>   | Suction plate                                                                                                 | 120 (265)                                  | 6 (13)               | 800 x 120<br>(31.50 x 4.72)    |                   |                     | <b>42720043</b> |
| <b>SM-SPS-1200-99/59</b>  | Suction plate                                                                                                 | 1,200 (2,646)                              | 26.15 (58)           | 990 x 590<br>(38.98 x 23.23)   |                   |                     | <b>42720457</b> |
| <b>SM-SPS-150-41/22</b>   | Suction plate                                                                                                 | 150 (331)                                  | 5 (11)               | 410 x 220<br>(16.14 x 8.66)    |                   |                     | <b>42720018</b> |
| <b>SM-SPS-150-80/14</b>   | Suction plate                                                                                                 | 150 (331)                                  | 7 (15)               | 800 x 140<br>(31.50 x 5.51)    |                   |                     | <b>42720013</b> |
| <b>SM-SPS-160-90/12</b>   | Suction plate                                                                                                 | 160 (353)                                  | 7 (15)               | 900 x 120<br>(35.43 x 4.72)    |                   |                     | <b>42720047</b> |
| <b>SM-SPS-200-58/28</b>   | Suction plate                                                                                                 | 200 (441)                                  | 8.2 (18)             | 580 x 280<br>(22.83 x 11.02)   |                   |                     | <b>42720001</b> |
| <b>SM-SPS-400-75/27</b>   | Suction plate                                                                                                 | 400 (882)                                  | 10 (22)              | 750 x 270<br>(29.53 x 10.63)   |                   |                     | <b>42720002</b> |
| <b>SM-SPS-600-95/34</b>   | Suction plate                                                                                                 | 600 (1,323)                                | 15 (33)              | 950 x 340<br>(37.40 x 13.39)   |                   |                     | <b>42720349</b> |
| <b>SM-SPS-800-103/39</b>  | Suction plate                                                                                                 | 800 (1,764)                                | 19 (42)              | 1,030 x 390<br>(40.55 x 15.35) |                   |                     | <b>42720455</b> |
| <b>SM-SPS-90-30/20</b>    | Suction plate                                                                                                 | 90 (198)                                   | 5 (11)               | 300 x 200<br>(11.81 x 7.87)    |                   |                     | <b>42720009</b> |
| <b>SM-SPS-HP-100-90/9</b> | Suction plate                                                                                                 | 100 (220)                                  | 7 (15)               | 900 x 90<br>(35.43 x 3.54)     |                   |                     | <b>42720115</b> |

## Spare Parts:

**ED- SPS- 90:** Highly wear-resistant replacement seal: Easy to attach without glueing.

| Type               | Description                      | Dead Weight kg (lbs) | Order-Number    |
|--------------------|----------------------------------|----------------------|-----------------|
| <b>ED-SPS-1000</b> | Replacement seal for SM-SPS-1000 |                      | <b>42500326</b> |

| Type               | Description                      | Dead Weight kg (lbs) | Order-Number    |
|--------------------|----------------------------------|----------------------|-----------------|
| <b>ED-SPS-1200</b> | Replacement seal for SM-SPS-1200 |                      | <b>42500327</b> |
| <b>ED-SPS-200</b>  | Replacement seal for SM-SPS-200  | 1 (2.20)             | <b>42720004</b> |
| <b>ED-SPS-400</b>  | Replacement seal for SM-SPS-400  | 1 (2.20)             | <b>42720005</b> |
| <b>ED-SPS-600</b>  | Replacement seal for SM-SPS-600  | 1.26 (2.78)          | <b>42500027</b> |
| <b>ED-SPS-800</b>  | Replacement seal for SM-SPS-800  | 0.732 (1.61)         | <b>42720049</b> |
| <b>ED-SPS-90</b>   | Replacement seal for SM-SPS-90   | 0.3 (0.66)           | <b>42500023</b> |