



## PSM JUNIOR Flexible all-rounder

### STRENGTHS AT A GLANCE

- ELECTRICAL REVERSING OPERATION
- HIGH QUALITY AND LONG-LIFE MOTOR
- ACCESSORIES FOR OPTIONAL AUTOMATION
- OF RED HEAD FILTER SYSTEM

- Powerful and effective.  
The PSM JUNIOR defines standards in the class of mobile powder suction machines.



The **PSM JUNIOR** has been our best-seller for more than 20 years all over the world. Flexible expandability, exceptional quality and clever detailed solutions: This **PowderSuctionMachine** is a unique all-round talent, where function and handling are the most important factors.

- Timer control with adjustable cut-off function for automatic filling and cleaning of the filters. (surcharge)



- One device, many possibilities: The fire extinguisher emptying system **FES-E Stationary** in conjunction with our successful model **PSM JUNIOR**. (surcharge)

### Focus on ergonomics

The ergonomic working height makes work easier. The sensitive height adjustment and lock and its smooth-running wheels are further characteristics which make the **PSM JUNIOR** one of the best machines in its class.



- The extinguisher is refilled using the optional **SK 50** set.



### Quality in the details

Quality is in every detail of the **PSM JUNIOR**. The powerful brushless motor is exceptionally long-lived: exchangeable adapters fit on every commercially available portable fire extinguisher, and the electric reversing process with automatic non-return valves accelerates the test process enormously.

TECHNICAL DATA

**PSM JUNIOR**  
(EN ISO 12100-1, EN ISO 12100-2, EN 60204)

Art.-No. 186001



Electric motor: 230 V, 50 Hz, 1.1 kW, 2820 min<sup>-1</sup>  
 Suction capacity: 1800 L/min, 5 m cable feed line H07RN-F 3 G 1.5 mm<sup>2</sup>, oil and acid resistant.  
 Capacity of storage container: 12 kg.  
 Set of filter cartridges: 2 filter elements and high-grade steel sieve. Filling hole of fire extinguishers: 28 - 77 mm. Reversing process: electrical with automatic non-return valve.  
 Transport wheels: Ø 160 mm, roller bearing mounted. Suction hose: Ø 32 x 1400 mm.  
 Suction pipe: PVC Ø 25 x 780 mm.  
 Dimensions: 1175 mm transport height, 1745 mm max. working height, 515 mm width, 500 mm depth.  
 Weight: 53 kg. Colour: Grey, hammer finish.  
 IP rate: IP54



# INCLUDED ACCESSORIES **PSM** POWDER SUCTION MACHINES

PHOTO SHOWS OPTIONS AND ACCESSORIES AT EXTRA CHARGE

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| <p><b>1</b> <b>Art.-No. 186069</b><br/><b>Filter head, with suction hose</b><br/>includes suction hose Ø 32 x 1400 mm with earthing and VA suction pipe Ø 32 x 1150 mm</p> <p><b>2</b> <b>Art.-No. 187141</b><br/><b>Suction head SK100</b><br/>Filling funnel for <b>PSM BIG</b>, for filling openings from 90 mm to 240 mm, with suction hose Ø 38 x 6000 mm</p> <p><b>3</b> <b>Art.-No. 186009</b><br/><b>Additional storage tank, suction hose and PVC suction pipe, without rollers (mobile base optional)</b><br/>Additional storage tank for 50 kg fire extinguishing powder includes suction hose Ø 32 x 1400 mm, PVC suction pipe Ø 32 x 1150 mm</p> <p><b>4</b> <b>Art.-No. 186009.R</b><br/><b>Additional storage tank with rollers</b><br/>Additional storage tank for 50 kg fire extinguishing powder with rollers including suction hose Ø 32 x 1400 mm, PVC suction pipe Ø 32 x 1150 mm</p> | <p><b>5</b> <b>Art.-No. 186019</b><br/><b>Additional storage tank without rollers</b><br/>Additional storage tank "POWER/JUMBO" for 50 kg fire extinguishing powder</p> <p><b>6</b> <b>Art.-No. 186072</b><br/><b>Mobile base for Item 3, 5</b><br/>Mobile base for 50 kg additional storage tank</p> <p><b>7</b> <b>Art.-No. 186035</b><br/><b>Suction hose extension</b><br/>Suction hose extension Ø 32 x 1400 mm with connection piece</p> <p><b>8</b> <b>Art.-No. 186036</b><br/><b>Hose extension</b><br/>Hose extension Ø 51 x 1500 mm with screw coupling</p> <p><b>9</b> <b>Art.-No. 186026</b><br/><b>Barrel</b><br/>Barrel for 200 kg fire extinguishing powder</p> | <p><b>10</b> <b>Art.-No. 187214</b><br/><b>Mobile base</b><br/>Mobile base for 200 kg barrel</p> <p><b>11</b> <b>Art.-No. 186096</b><br/><b>Remote control</b><br/>Remote control for wireless control of the reversing process <b>PSM Jumbo</b> (on request)</p> <p><b>12</b> <b>Art.-No. 186038 Economic, JUNIOR</b><br/><b>Art.-No. 186039 (400-V-Motor)</b><br/><b>Art.-No. 186040 (230-V-Motor)</b><br/><b>Timer control</b><br/>Timer control with adjustable cut-off function for automatic filling and cleaning of the filters.</p> <p><b>13</b> <b>Art.-No. 186003</b><br/><b>Vehicle fixture</b><br/>Vehicle fixture for standing transport "JUNIOR N, ECONOMIC, COMPACT, POWER"</p> | <p><b>14</b> <b>Art.-No. 186004</b><br/><b>Vehicle fixture</b><br/>Vehicle fixture for standing transport "JUNIOR, MINI, DSV Mobile"</p> <p><b>15</b> <b>Art.-No. 186071</b><br/><b>Wall bracket</b><br/>Wall bracket with balancer for filter head</p> <p><b>16</b> <b>Art.-No. 186910</b><br/><b>Scales</b><br/>Scales Digi 5000 g, digit increment 1 g</p> <p><b>17</b> <b>Art.-No. 186903</b><br/><b>Floor scales</b><br/>Floor scales 30 kg, digit increment 10 g</p> <p><b>18</b> <b>Art.-No. 186008</b><br/><b>Set SK 50</b><br/>Set SK 50 for 50 kg fire extinguisher includes suction hose Ø 32 x 1400 mm, PVC suction pipe Ø 32 x 1150 mm, Tension belt 3 m</p> | <p><b>19</b> <b>Art.-No. 186801</b><br/><b>Pressure reducer</b><br/>Pressure reducer Nitrogen 0-20 bar</p> <p><b>20</b> <b>Art.-No. 187072</b><br/><b>Nitrogen cylinder</b><br/>Nitrogen cylinder (steel), filled with 10 L nitrogen, 200 bar</p> <p><b>21</b> <b>Art.-No. 186037</b><br/><b>Original cap nuts</b><br/>Original cap nuts for the filter head for fastening to P 50 or P 250 (please specify make and type)</p> <p><b>22</b> <b>Art.-No. 186068</b><br/><b>Hose extension</b><br/>Hose extension Ø 51 x 3500 mm with screw coupling</p> | <p><b>23</b> <b>Art.-No. 186067</b><br/><b>Suction hose</b><br/>Suction hose Ø 32 x 5000 mm with earthing</p> <p><b>24</b> <b>Art.-No. 186005 (je Rohr)</b><br/><b>Suction pipes</b><br/>High-grade steel suction pipes from Ø 8 to Ø 32 mm outside diameter</p> |
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