

# Mobile Columns

## EHB® 903V11DC wireless

### Technical Specifications

Model / capacity	<ul style="list-style-type: none"><li>• Mobile column EHB903V11DC wireless: capacity 3.0 t</li><li>• All columns are identical</li></ul>
Load support	<ul style="list-style-type: none"><li>• Adjustable wheel forks for wheels Ø 550 - 1140 mm</li><li>• Length of fork 385 mm</li></ul>
Lifting stroke	<ul style="list-style-type: none"><li>• 1750 mm (effective)</li></ul>
Lifting / lowering time	<ul style="list-style-type: none"><li>• Approx. 55 sec.</li><li>• Slow speed for fine positioning (approx. 1/3 of the maximum speed)</li><li>• Soft start with continuous increase of speed</li></ul>
Operation	<ul style="list-style-type: none"><li>• Up / Down</li><li>• Fast / Slow speed</li><li>• Operation modes: All / Single / Pair / Group</li><li>• Integrated control panel with LCD screen display</li><li>• Configuration of column programmed at the control panel with permanent memory</li></ul>
Display indication	<ul style="list-style-type: none"><li>• Large display 116 x 57 mm, on each column</li><li>• Active columns within the lift set</li><li>• Position of columns at the vehicle</li><li>• Operation mode</li><li>• Lifting height</li><li>• Battery capacity</li><li>• Quality of radio communication signal</li><li>• Number of lift set</li></ul>
Control	<ul style="list-style-type: none"><li>• Proportional valves for smooth control without any increments or abrupt speed variations</li><li>• Continuous monitoring of all operational functions</li><li>• Wireless communication via industrial safety radio control</li><li>• Control voltage 24V DC</li></ul>
Drive	<ul style="list-style-type: none"><li>• Electro-hydraulic</li><li>• DC motor, 2.2 KW</li><li>• Hydraulic cylinder, self-lubricating and maintenance-free, cylinder rod encased within a steel tube at any lifting height</li></ul>
Power source	<ul style="list-style-type: none"><li>• Batteries, total 24 V, 80 Ah, per column, deep cycle, maintenance-free</li><li>• Number of lift cycles: approx. 40 with full load</li></ul>



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<b>Charging of batteries</b>	<ul style="list-style-type: none"><li>• EasyCharge: simple and quick charging of up to 4 columns via one single 230 V supply</li><li>• Battery charger: 230 V AC, 50 Hz, 1.5 A</li><li>• 10 m charging cable, to plug into a mains supply or any column</li><li>• Lift can be charged during operation allowing full battery standby</li><li>• Time to charge flat battery is approx. 8 hours; approx. 30 min. to recharge one lift cycle</li></ul>
<b>Safety features</b>	<ul style="list-style-type: none"><li>• Double load securing with hydraulic and mechanical locks</li><li>• Hydraulic pressure relief valve preventing overload</li><li>• Main switch, lockable; with emergency stop</li></ul>
<b>Travelling device</b>	<ul style="list-style-type: none"><li>• At each column, spring-loaded wheel jack at rear, fixed front wheels</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 1200 x 1165 x 2255 mm (l x w x h)</li><li>• Low front leg height of 100 mm for vehicles with minimum ground clearance</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 540 kg per column</li></ul>
<b>Protection class</b>	<ul style="list-style-type: none"><li>• IP 54, IP 44 (during charging)</li></ul>
<b>Surface treatment</b>	<ul style="list-style-type: none"><li>• Powder coating</li></ul>
<b>Safety standards</b>	<ul style="list-style-type: none"><li>• CE, EN 1493</li></ul>



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