

**KÄRCHER**

# LI-ION SCRUBBER DRYERS

Increased productivity with fewer downtimes and battery changes, as well as lower overall operating costs.



**PROFESSIONAL** | SCRUBBER DRYERS

# BENEFITS OF LI-ION BATTERIES

**Scrubbers dryers must work perfectly** in order to be profitable. Lithium-ion batteries ensure a high availability, a low failure rate, and significantly fewer battery changes. This saves time, resources, and money.



## Efficiency

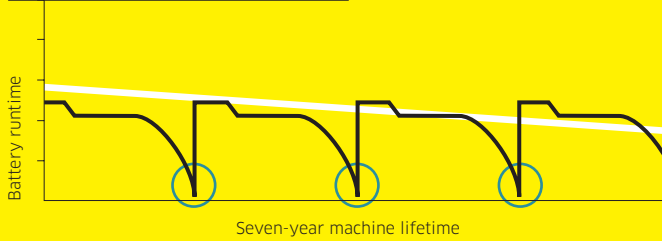
- Lighter machines
- Up to 100% usable capacity
- Less reduction in capacity



## Productivity

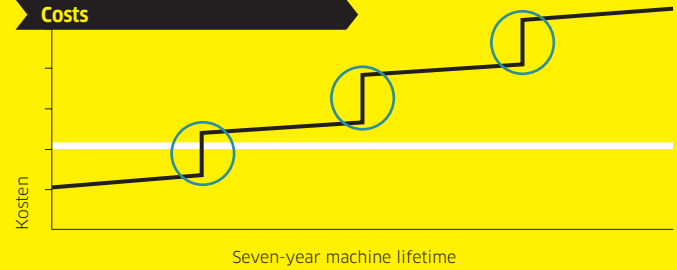
- Less downtimes due to poorly maintained batteries
- Ratio between discharge and cleaning time optimised by optional fast charger

### Development of battery runtime



- Lead-acid battery
- Li-ion battery

### Costs



- Lead-acid replacement: increasing costs and unexpected downtimes
- Due to the specific cell chemistry and the increasing internal resistance of the battery, the battery runtime does not reduce linearly during use.



**LONG LIFETIME**

### Quality/TCO

- Reduced costs for battery changes
- Fewer downtimes, optimised overall operating costs (TCO)
- No damage caused by partial charging



**QUICK CHARGE**

### Fast charging

- Option for fast charging (in just two hours)
- Reduced idle time
- Increased flexibility of machine use



**SAFE HANDLING**

### Safety

- Intrinsically safe operation, no contact with hazardous substances, no outgassing
- Installation in any direction, protection type IP67
- Better vibration and shock resistance compared to lead-acid batteries



**5 YEARS  
GUARANTEE**

### Five-year guarantee

- Reliable quality
- Invest carefree

# DURABLE AND EFFICIENT: YOU CAN COUNT ON THESE MACHINES



The 80 Ah\* lithium-ion batteries for selected scrubber dryers will take your productivity to a new level and dramatically reduce the overall operating costs of the machine. A genuine win-win situation!

## ➤ BATTERY LIFETIME UP TO FOUR TIMES LONGER\*\*

- Lifetime of up to 3,800 cycles at 70% discharge depth
- Lead-acid batteries only 500-900 cycles at 70% discharge depth
- Fewer changes, lower overall operating costs

## ➤ OPTIMISED PRODUCTIVITY

- Due to (optional) efficient fast charging, idle times are reduced to a minimum.
- Thanks to excellent cleaning flexibility, the machine is always ready to use.

## ➤ SIMPLIFIED HANDLING

- No special discharge and charging behaviour required
- No outgassing during charging
- Maintenance-free

\* Depending on the size of the machine, multiple batteries can be used.

\*\* Compared to conventional lead-acid batteries.

# KÄRCHER

makes a difference

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