LI-ION SCRUBBER DRYERS

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

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

Battery runtime

Seven-year machine lifetime

- Lead-acid battery
- Li-ion battery

Development of battery runtime
Guarantee

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

- Five-year guarantee
  - Reliable quality
  - Invest carefree

Costs

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

Seven-year machine lifetime
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.