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E531BD/S

Walk-Behind LiFePO4 Powered
Floor Scrubber with Traction Drive
or Pad Assist

Designed for efficiency and durability, the E531BD/S delivers with its cleaning performance and rugged construction.



Capable of wet washing more than 28,500 square feet per hour, operators will spend more time cleaning and less time refilling thanks to the large solution tank and tiltable recovery tank on the E531BD/S. Its patented, rust-resistant aluminum brush deck and squeegee assembly with automatic loading, paired with adjustable brush pressure, ensure optimal cleaning performance on a variety of floor surfaces, including ceramic tile, concrete, epoxy, and VCT tile in light to heavy soil situations.

Additional features like quiet operation (<68dB), a mechanical defoaming system, and advanced digital protections enhance usability and reliability. The LiFePO4 battery offers an industry-leading 3,000 charge cycles and 4-6 hours of runtime. The E531S model provides the same robust features and specifications as the BD model, but with a pad-assist propulsion system (non-traction drive).

- Cleaning Productivity: 28,524/22,604 sq ft/hr
- Machine Width with Squeegee: 31 in
- Washing Width: 20 in
- Max Speed: 3.1 mph
- Solution Tank Capacity: 13 gal
- Recovery Tank Capacity: 12 gal
- Voltage: 24V
- Brush Motor Power: 480W
- Vacuum Motor Power: 400W
- Drive Motor Power: 150W
- Brusher Dimension: 20 in
- Brush Speed: 153 rpm
- Brush Pressure: 50/70 lbs
- Vacuum Power: 1.8 psi
- Sound Level at 1.5m: <68
- Battery Compartment Size: 13”x13”x9”
- LiFePO4 Battery Capacity: 1*24V100Ah
- Run Time: 4-6 hours
- Gross Weight: 417 lbs
- Dimensions: 48”x21”x42”

Why Choose ERIClean?

At ERIClean, we build commercial cleaning equipment that gets the job done. We invest in thoughtful designs and features that increase effectiveness and decrease the cost of operation. All ERIClean products come with a satisfaction guaranteed, three-year warranty.

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E531BD control panel



E531S control panel



ERIClean is the first manufacturer to offer a full-line of LiFePO4 powered professional floor cleaning equipment.

At ERIClean, our mission is to design, develop, and manufacture professional cleaning equipment that is Environmentally Responsible and Intelligent.

Our core team members bring deep experience and knowledge of the industrial cleaning equipment industry in US-based environments and abroad. We employ experts in product design, development, quality control, and manufacturing to bring to market our high-pressure cleaners, vacuum cleaners, floor scrubbers, and other maintenance and cleaning products.