

# eForce™ Burnisher

## Battery-Powered Ride-On

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| <b>GENERAL</b>       | The machine shall be a high-speed, 36V system, battery-powered ride-on floor burnisher, driving a 27-in. (68.5 cm) diameter pad at a speed of 1500 to 1700 RPM. The machine shall have joystick control along with LCD touch screen. And the machine shall feature standing pad changes. Machine runtime shall be up to 3.0 hours.   |
| <b>CONSTRUCTION</b>  | The frame shall be 10-gauge steel channel. The housing shall have a rotomolded control panel, motor cover, and bag cover. The flexiwall shield shall be ABS plastic with steel liner.  |
| <b>PAD</b>           | The pad speed shall be 1500 to 1700 RPM. Three pad pressure shall be 60, 75, or 90 lbs. The pad driver shall be 27 in. (68.6 cm) in diameter, and be flexible, conform to floor contours, and “cup” the pad to the floor.  |
| <b>RIDE-ON</b>       | The top forward working speed shall be 264 ft/min and the top reverse speed shall be 60% of the forward speed.   |
| <b>MOUNTING</b>      | Mounting shall be on a welded powder-coated 10-gauge steel channel frame. Two 10-in. diameter (25.4 cm) wheels with ball bearings at the rear (pivot point) to carry battery weight and track the machine on a straight line. Two front 6-in. (15 cm) ball bearing swivel-type casters shall be provided. The drive wheels will be a non-marking grey rubber wheels. The casters will have urethane tread. |
| <b>BATTERIES</b>     | The burnisher shall have 6 deep-cycle batteries which are 430 amp hour and 6V, connected in series that will be used in a 36V system.  |
| <b>BATT. CHARGER</b> | The battery charger shall be high frequency off-board.   |
| <b>MOTOR</b>         | The motor shall be a 36V, 3.6 HP permanent-magnet motor type.  |
| <b>PROTECTION</b>    | The controller shall protect drive and brush motors from a current overload. A 125-amp circuit breaker shall protect the controller.   |
| <b>SWITCHES</b>      | A master on/off key switch shall be provided. An emergency stop button/switch shall be supplied. For all other controls a Touch Panel Control Panel shall be provided.   |
| <b>ADDITIONS</b>     | The machine shall have a 90° pad change position.  |

Features & Benefits

Demonstration Guide

Competitive Comparison

Bid Specifications

Recommended Parts Stock

Supplemental Price List

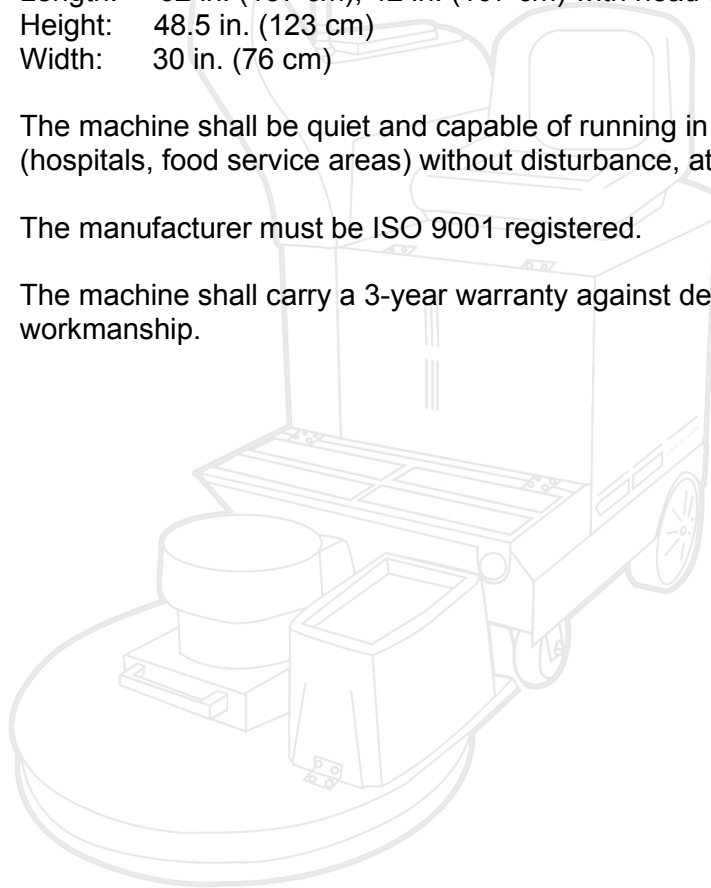


Integrity at work.

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- DUST CONTROL** The burnisher shall have an NSS Vac-Trac Dust Collection System that collects floor finish dust into a filter bag on the burnishing head of the machine. The filter bag shall collect 95% of particles at 0.3 microns. A flexible pad shroud with bristles shall surround the pad — the suction resulting from pad rotation collects any floor finish residue. The pad shroud shall completely cover the pad in operation to protect bystanders, operators or fixtures from any loose objects on the floor hitting the pad and being “thrown” across the floor at high speed.
- DIMENSIONS** Weight: 1,100 lbs. (499 kg), with batteries.  
Length: 62 in. (157 cm), 42 in. (107 cm) with head tipped up.  
Height: 48.5 in. (123 cm)  
Width: 30 in. (76 cm)
- SOUND LEVEL** The machine shall be quiet and capable of running in a public environment (hospitals, food service areas) without disturbance, at 68 dBA.
- ISO 9000** The manufacturer must be ISO 9001 registered.
- WARRANTY** The machine shall carry a 3-year warranty against defects in material and workmanship.



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