## Specifications: EH4000

### ENGINE

<table>
<thead>
<tr>
<th>Default Oiler with CE/ECER</th>
<th>kW</th>
<th>hp</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 (607)</td>
<td>132.5</td>
<td>180.8</td>
</tr>
</tbody>
</table>

### HYDRAULIC SYSTEM

- Full fabricated box section main rails with section height tapered.
- Integral ROPS/FOPS.
- Front and Rear Suspension.
- Struck (SAE) 92.9.
- 121.5.

### BODY CAPACITY

- Chassis with winch: 129,647 kg
- Body: 29,226 kg
- Final Drive: 17,307 kg
- Fuel Cell: 89,026 L

### ELECTRICAL DRIVE

- Rated Power @ 1900 rpm:
  - Heap 3:1 119.5 kW
- Struck (SAE) J1995 kW 2 500
- Net Power @ 1900 rpm:
  - Heap 3:1 119.5 kW
- Struck (SAE) J1349 kW 2 500

### BRAKE SYSTEM

- Service: The EH4000 is equipped with an all-hydraulic actuated braking system that provides precise braking control. A direct pedal actuated brake control valve provides for modulation and fail-safe system operation. A primary hydraulic brake valve is used to control front or rear brake pressure. The auxiliary brake valve and cramp valve are used to control the cramp relay pressure. These controls are front disc, rear disc, and an option for primary accumulator reserves of suffuse and pressure to ensure 100% braking capacity is always available. The braking system complies with SAE J/ISO 3450.

### WEIGHS

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body, Complete</td>
<td>29,226</td>
</tr>
<tr>
<td>Fuel Cell</td>
<td>89,026</td>
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### ELECTRICAL SYSTEM

- Controls: General Electric Statex III System with full electric contactors and fused fail-safe under-transmission.
- Alternator: General Electric Model GTA 26F. Direct mounted to engine.
- Wheel Motors: General Electric Wider 18/79, new complete with planetary gear reduction in each rear wheel.
- Planetary Ratio: 10.475:1
- Speed: Maximum speed km/h mph 30.1
- Noise: Noise level water and dynamic ealing configuration subject to CE approval for given application.

### TIRES

- Standard: Front and rear: 11 R20 Radial.
- Size: Rim Width: 6.5 x 7.48
- Options: Available.

### STEERING SYSTEM

- Core: Center filled, fully greased power steering system using two dually oiling systems, pressure link with, and oil suction pumps, and a large rear wheel steering system reserve. An accumulator provides supplementary braking in case of failure with SAE J1349. A 1.8m³ capacity, steering wheel with 18° of tilt and 1.15 mm (0.23") of articulation.

### FRAME

- All-steel fabricated main rails with section height tapered from rear to front. Stressed at the rear to support the loads and maintain at the front to allow for ease of accessibility. One piece labor and narrow filter that eliminates access chamber for easy maintenance. Designed for high productivity and maximum control stability and reduced turning circle. The new ACCU-TRAC suspension system features independent braking systems for each front wheel with HITACHI struts, containing energy absorbing gas and, compared to HITACHI’s TRAC, mounted between the tires and the frame. The arrangement and design are optimized to reduce the overall height of the machine. The tractive and breaking forces transmitted to the nose cone.

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<td>Maximum GMW:</td>
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