The largest selling electric chain hoists in the industry have reached NEW HEIGHTS

CM Lodestar and Shopstar Wind Edition have been modified specifically for use as a service and maintenance hoist for wind turbines. Which unit is right for you?

Lodestar - When the load exceeds 550 pounds and faster speeds are critical

Shopstar - When the weight and size of the hoist is critical

Features and Benefits

- Better control on long lifts
  2 speed motor (optional for Lodestar unit only): smooth, slow speed starts and stops, fast speed for load transition. Variable frequency drive (VFD) option is also available on the Lodestar.

- Precision machined and hardened lifthook: exact fit of chain in lifthook provides smoother operation and reduces chain vibration.

- Rugged design to withstand the application and environment
  Heavy duty motor: H4 duty rating provides ability to lift equipment over 300 feet without interruption.

Dual Braking system: uses an AC Type brake and electro-dynamic brake. Electro-dynamic braking eliminates heat generated by typical designs. Reduces maintenance, changing of oil, and wear on parts.

NEMA 3R enclosure (Lodestar only): enclosure provides extra protection to internal parts, which also helps reduce maintenance.

- Reduce hoist maintenance costs

- Gear Lubrication: eliminates the need to drain and change the oil which is required every 200 hours in most other hoists designs. Provides superior gear protection. Lifetime lubricated.

- No special tools required to disassemble: quick and easy hoist inspections and maintenance.

Upper and lower limit switches (Lodestar only): prevents the lower hook from running to the bottom of the hoist which can lead to hoist and equipment damage.

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**Specifications:**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Lift Heights:</strong></td>
<td>Exceeds 300 feet</td>
<td>Exceeds 300 feet</td>
</tr>
<tr>
<td><strong>Capacities:</strong></td>
<td>1/4 to 1 Ton, 250kg to 1000kg</td>
<td>550lbs, 250kg</td>
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<tr>
<td><strong>Speeds:</strong></td>
<td>Single speed standard (two speed optional)</td>
<td>Single Speed</td>
</tr>
<tr>
<td></td>
<td>Small frame Lodestar 32 fpm (32/10 fpm)</td>
<td>20 fpm/6 mpm</td>
</tr>
<tr>
<td></td>
<td>Large frame Lodestar 64 fpm (64/21 fpm)</td>
<td></td>
</tr>
<tr>
<td><strong>Duty Cycle:</strong></td>
<td>Exceeds ASME H4 rating</td>
<td>Exceeds ASME H4 rating</td>
</tr>
<tr>
<td><strong>Enclosure:</strong></td>
<td>NEMA 3R</td>
<td>NEMA 1</td>
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<tr>
<td><strong>Controls:</strong></td>
<td>2 button, NEMA 4X enclosure</td>
<td>2 button, NEMA 4</td>
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<tr>
<td></td>
<td>24V,48V or 115V control voltage available</td>
<td>24V,48V or 115V control voltage available</td>
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<tr>
<td></td>
<td>single phase, and 50Hz optional</td>
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</tr>
<tr>
<td><strong>Suspension:</strong></td>
<td>Hook, lug, or trolley</td>
<td>Hook or trolley</td>
</tr>
<tr>
<td><strong>Load Chain:</strong></td>
<td>Zinc plated CM Alloy load chain</td>
<td>Zinc plated CM Alloy load chain</td>
</tr>
<tr>
<td><strong>Standards:</strong></td>
<td>Meets ASME/ANSI B30.16</td>
<td>Meets ASME/ANSI B30.16</td>
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<tr>
<td></td>
<td>CE and CSA compliant units available</td>
<td>CE and UL compliant units available</td>
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<tr>
<td><strong>Metric Rated</strong></td>
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<tr>
<td><strong>Lifetime Warranty</strong></td>
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<tr>
<td><strong>Made in the USA</strong></td>
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</tbody>
</table>

For use as a maintenance hoist within the nacelle or tower.