



R&M Materials Handling, Inc. Introduces the LoadMate® Electric Chain Hoist for Wind Turbine Applications

SPRINGFIELD, OH (April 15, 2008)—The LoadMate® Electric Chain Hoist by R&M Materials Handling, Inc. is a compact, versatile, and cost-effective electric chain hoist. With load capacities from 1/8 to 1 ton, a lifting height up to 262 feet, and a wide range of lifting speeds and power supplies, the LoadMate® is ideal for wind turbine applications.

The LoadMate® is a compact electric chain hoist that can be installed inside the wind turbine nacelle to assist with standard maintenance activities; including change-outs and repairs of generators, high-speedgears, yaw and pitch motors, etc.

Because of the compact design of a wind turbine nacelle, it is important for the hoist to deliver high efficiency in small work spaces. The LoadMate® is an ergonomic low-headroom hoist that allows for close trolley approaches. The LoadMate® is constructed of a highly durable, yet light-weight, pressure-cast aluminum with epoxy paint for corrosion resistance, and a ribbed design for better heat dissipation.

The LoadMate® uses premium-grade (AGMA rated) precision gearing for smooth operation in wind turbines. A torque limiter protects against overloads, and the hoist comes standard with upper and lower limit switches. The LoadMate® is equipped with a safety latch for the detachable upper hook which complies with DIN standards.

The LoadMate® requires a very low level of maintenance and saves on downtime costs because it is equipped with detachable parts and electromagnetic disc brakes for a longer service life. The DC brake can be replaced without resetting the torque limiter. The external torque limiter can also be easily adjusted and is integrated with the brake to ensure that the load is always stopped when the control button is released.

The lifting motor has 40% ED, IP55 Protection, Class F Insulation, with thermal protection. The hoists have low-voltage control for 115 volt or 48 volt, with a two button pendant with emergency stop button and IP65 protection, and come standard with a wide range of lifting speeds; including 64 and 16 fpm, 96 and 24 fpm, and 128 and 32 fpm. The LoadMate® is also available in a wide range of power supplies, including 208, 230, 460, 575/3/60, or 380/3/50.

For more information on the LoadMate® electric chain hoist for wind turbines, or to obtain more information on R&M Materials Handling, contact R&M Materials Handling, Inc., 4501 Gateway Boulevard, Springfield, OH, 45502. You may also visit www.rmhoist.com or call 1-800-955-9967 to locate your nearest distributor.