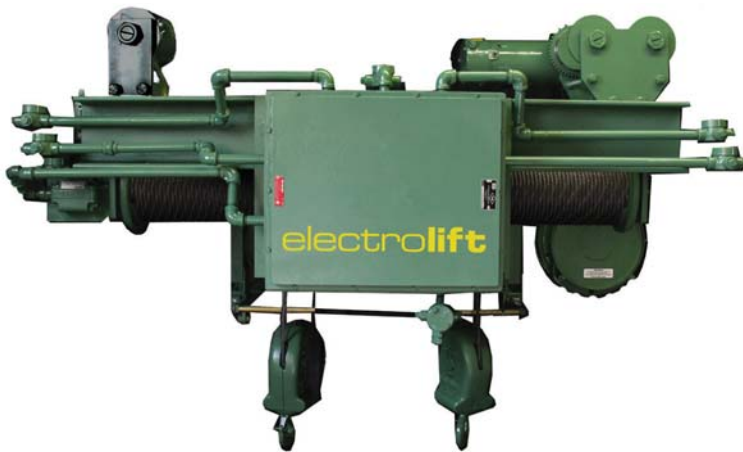


Rail Car Shaker Hoists

WE NEVER
LET OUR
CUSTOMERS
DOWN



Electrolift is the perfect answer for the rugged Rail Car Shaker application. Our hoist is specifically designed for this function. Advantages of Electrolift hoists include:

- Electrolift is the specified hoist of the major Rail Car Shaker Manufacturers.
- Rail Car shaker hoists are often outdoors in severe climates. Electrolift hoists hold up in all weather conditions.
- The Worm Gear Advantage. The Rail Car Shaker is suspended from the hoist at all times - perfect for the worm drive gear box. The controls circuit is specifically designed to make this application as safe as possible.
- Our hoists are the safest around - the shaker motor cannot be activated until the shaker is placed down onto the rail car and the slack cable limit switches activate. This prevents the vibration of the shaker having an adverse effect on structural elements, the hoist and the trolley.
- Versatility – our hoists can be used on new applications and to replace outdated hoists that are in field.
- Customer service - Electrolift engineers will work to adapt our hoist to an existing structure in replacement applications.
- Hoists are suitable for outdoor Nema 4 and Explosion proof Class II Division 2 Group F & G, Class II Division 1 Group F & G .

All Rail Car Shaker Hoists come with the following Standard Options:

12,000 lbs. Capacity

40 ft lift

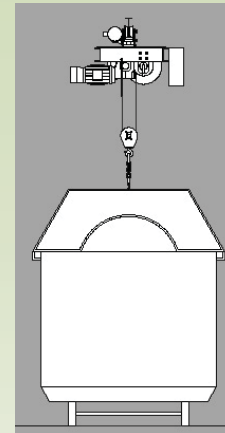
12 fpm lifting speed

Trolley Speed: 53 FPM

Full control package specifically designed to control the hoist, trolley and shaker.

Trolley Brake

Trolley travel limit switch



Additional options available:

Cable reel for shaker motor power

Radio controls

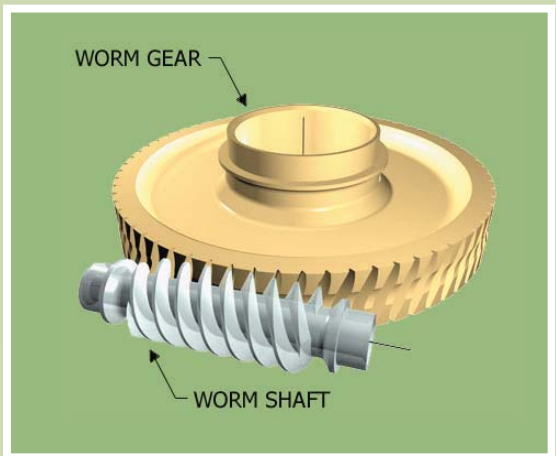
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electrolift



The Worm Gear Advantage

Worm gears have an inherent design advantage over other gear sets; the worm can easily turn the gear, but the gear cannot turn the worm. The hoist motor can transmit motion through the gear reducer, but the load cannot transmit motion back through the gear reducer. In lifting applications, this feature acts as a secondary brake due to limited back drivability.

Main advantages of our non-load brake worm drive gear reducer:

- **Constant load on the load block** - Load brake hoists are prohibited from doing this because it does not allow the load brake to release causing overheating and premature failure.
- **Inherently safe** - Worm drives do not need controls or high maintenance mechanisms to ensure safe lifts.
- **Low Maintenance** - Fewer moving parts than gearboxes that require complex load brake mechanisms.



MADE IN

 U. S. A.



204 Sargeant Road, NJ 07013
 800-255-0588

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