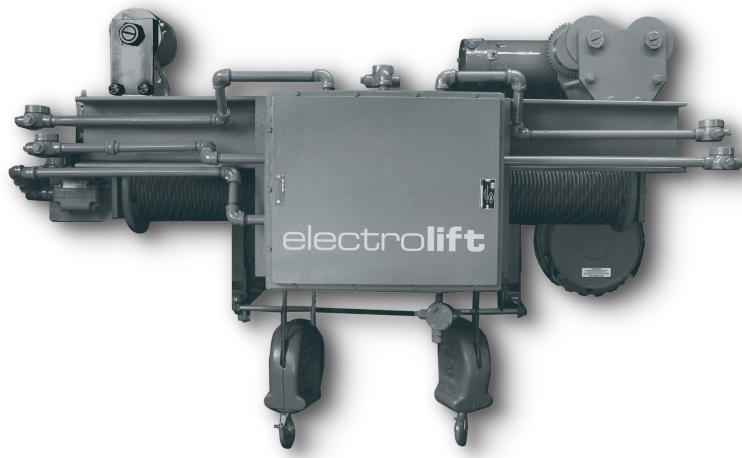


# RAIL CAR SHAKER HOISTS

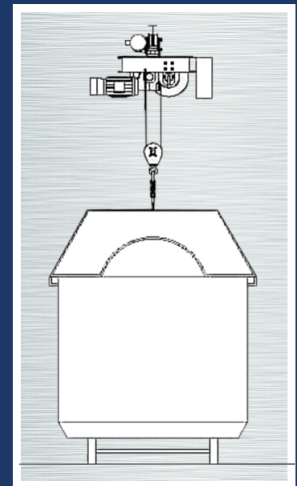


**Electrolift is the perfect answer for the rugged Rail Car Shaker application. Our hoist is specifically designed for this function. Advantages of Electrolift hoist include:**

- 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.
- Eliminates the need for a below the hook lifting beam reducing cost and headroom.
- More cost effective up front than using multiple hoists.
- Available in four point pick configuration.
- Hook centers are customized to meet application requirements.

## ALL RAIL CAR SHAKER HOISTS COME WITH THE FOLLOWING STANDARD OPTIONS:

- 12,000 lbs. Capacity
- 40 ft lift
- 15 FPM lifting speed
- Trolley Speed: 53 FPM
- Full control package specifically designed to control the hoist, trolley and shaker

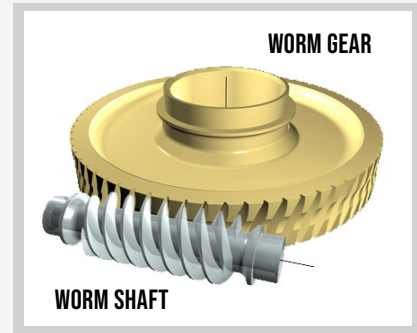


## Additional options available:

- Cable reel for shaker motor power
- Radio controls



## 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.

### > **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.

**RAISING THE STANDARD**  
SINCE 1932  
[ELECTROLIFT.COM](http://ELECTROLIFT.COM)