

# MASTER-LEE ENGINEERED PRODUCTS INC.

## RCP Motor Lifting Rig

The Master-Lee Engineered Products, Inc. RCP Motor Lift Rig was engineered with safety factors as outlined in NUREG-0612, (Control of Heavy Loads at Nuclear Power Plants). The NUREG criteria was implemented and tested during the design phase. A load test is performed at 150% of the motor design weight and, combined with the 10x UTS design factor, this lifting device will be an enhancement to any rigging / safety program.

The turnbuckle ends are of a pinned connection design which ensures absolute thread engagement at all times. The existing turnbuckle design encountered Operating Experiences of less than full thread engagement which placed the load at non-drop analysis risk. The Master-Lee design provides for full load capabilities at all times.



**Pinned Connections**

*For additional information  
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An optional container is available to assist in protecting the lift rig from damage during storage, transportation and staging and is also convenient for the control of tools and parts.



### MAIN FEATURES

- **Designed Safety Factors**
- **Conforms to NUREG-0612**
- **Load Tested to 150% Design Weight**
- **10x UTS Design Factor**
- **Adjustable Turnbuckles**
- **Maintains Full Thread Engagement**
- **Storage Box(Optional)**

