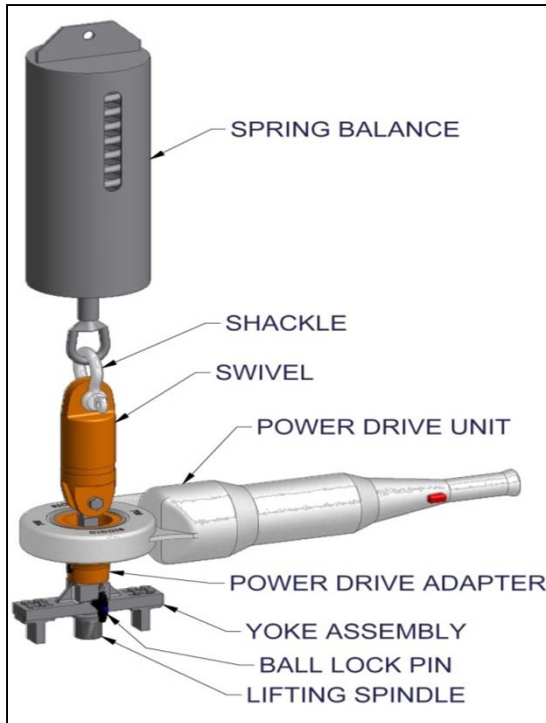


MASTER-LEE ENGINEERED PRODUCTS INC.

Master-Lee Engineered Products Stud TurnOut/In Tool can be adjusted for use with any model reactor head studs and nuts presently in use.



Reactor Head Stud Turn Out/In Tool - Part# D0013

Master-Lee Engineered Products has developed, with the help of experienced reactor disassembly field engineers, power tools for the removal and installation of reactor head studs and nuts.

The Stud TurnOut/In Tool consists of *four* major components:

1. TurnOut/In body
2. Power drive assembly
3. Swivel joint
4. Spring balance

The head hoist connects to the tool which in turn attaches to the stud. The 1/2 horsepower, 115 vac power drive unit carefully rotates the stud for removal or installation. The overall weight of the tool is approximately 50 pounds, but once the system is setup, the weight of the tool is negligible, offset by the head hoist. A load indicating spring balance is used to monitor weight and serve as a buffer between the hoist and the stud, allowing for smooth stud movement removal/installation.

By using the Master-Lee Engineered Products **Stud TurnOut/In Tool**, you can realize savings three ways.

1. *Scheduled time for completion is substantially less than using strap wrenches or other non-powered tools.*
2. *Radiation exposure to the workers is decreased because the time to perform the job is minimized.*
3. *The EPI TurnOut/In Tool operation requires minimal training.*

The EPI Stud TurnOut/In Tool gets the job done quickly, safely and economically. EPI uses only the most reliable components to ensure you of years of maintenance free operation.

For additional information contact Master-Lee EPI at:

800/537-6007

724/537-6002

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