

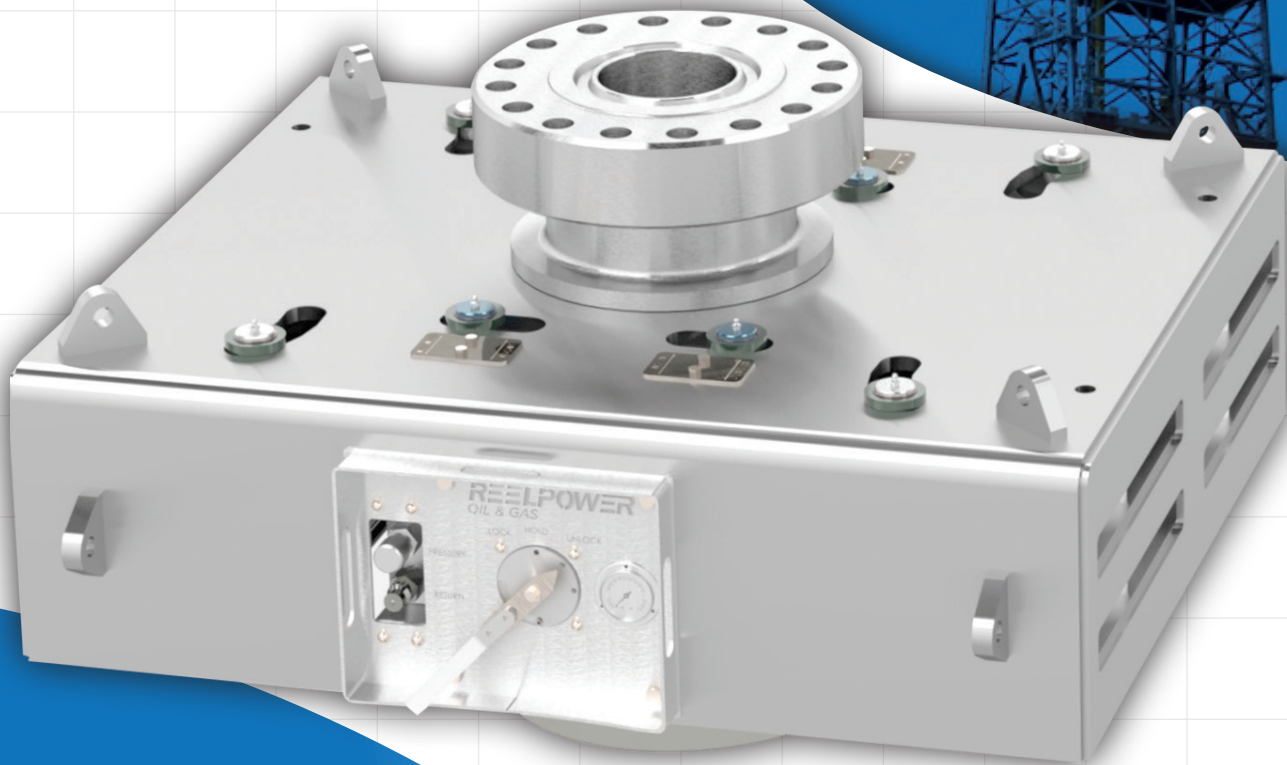
REELPOWER

OIL & GAS

RADOIL TULSAPOWER

RADACLAMP FRAC TREE CONNECTOR

ONE FRAC JOB PAYBACK



Lower Your Operating Costs & Improve Safety

- **80% Faster Connection Time** when compared to flange connectors (RadaClamp Connection Time Less Than 5 Minutes)
- **Connector Payback** realized in as little as one fracturing job or 6 connections
- **Safer Connection** with less time with personnel under heavy, hanging load
- **Know Your Connection is Secure** - Connector will not come unlocked even with vibration – 3 redundant locking features
- No special torque wrenches required
- Manually un-lock feature doesn't require available hydraulic power
- Lower Wear Path Replacement Costs



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PATENT(S) PENDING

RADACLAMP HYDRAULIC FRAC TREE CONNECTOR

Product Overview:

The **RADOIL RadaClamp** is a compact remotely operated hydraulic connector designed to replace standard flanged or mechanical clamp connections thus significantly reducing operator time and cost as well as risk factors for personnel operating beneath heavy hanging loads during surface/land operations.

Product Description:

The RADOIL RadaClamp hydraulic connector was specifically designed for surface/land operations to lower operating costs and improve safety for the high demands of hydraulic fracturing applications. The RadaClamp hydraulic connector provides a high-pressure, high-load connection that can be made up in less than 5 minutes, reducing technician exposure to extreme weather and working hazards beneath the BOP or Frac tree. The RadaClamp is remotely operated which eliminates the need for special torque wrenches or equipment typically required for flanged connections. The RadaClamp is designed to replace any standard 5 1/8" & 7 1/16", 10K or 15K psi bolted flange. There are three redundant safety locking features to prevent self-releasing under bore pressure loading or vibration, even without available hydraulic pressure. Visual lock indication gives positive feedback that the connector is locking, plus a manual release feature is provided in the event hydraulic power is not available. Flow zone components are designed for maximum erosion and corrosion life directly reducing maintenance and replacement costs.

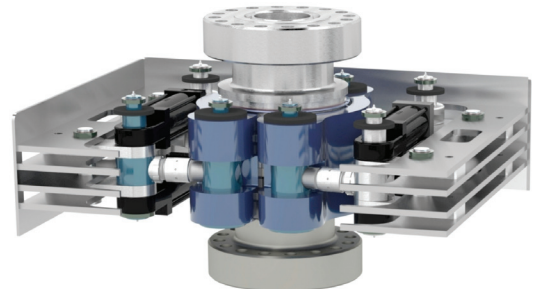
Specifications

- Does Not Require Holding Hydraulic Pressure during operation
- Three (3) Redundant Safety Features to prevent unlocking; will not self-release under pressure or due to vibration
- 5 1/8" and 7 1/16" bore sizes for 10 and 15K psi
- Independent Manual Release System
- Visual Indicator provides lock-unlock confirmation
- Meets or exceeds API 6A Annex F standards
- Can be used in any position (vertical, horizontal, or even inverted)
- Designed for maximum corrosion and erosion protection – Flow Path Liners Available
- Lift eyes on tops and sides for easier handling
- Multiple Bore/Pressure combinations available
- H2S service capable available
- 55" L x 51" W x 34" H x 4,650 lbs. (Estimate)

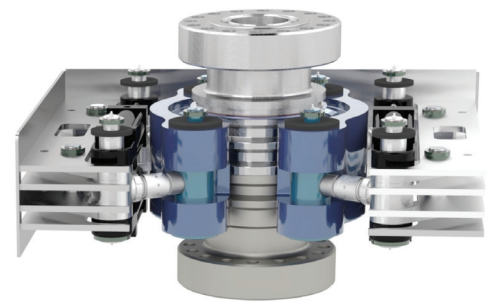
WE SOLVE OILFIELD PROBLEMS

Our goal is to identify challenges, design innovative solutions and manufacture quality products that solve your Oilfield problems.

Our business is saving you time and money.



Locked



Unlocked

(Guards removed for illustrations)

Common Uses

- Frac Tree to Wellhead Connector
- BOP to Wellhead Connector



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