

# Gearn Offshore Inc

## 4" x 400' x 15 ksi Winch System

### General Specifications

#### Winch Size / Weight:

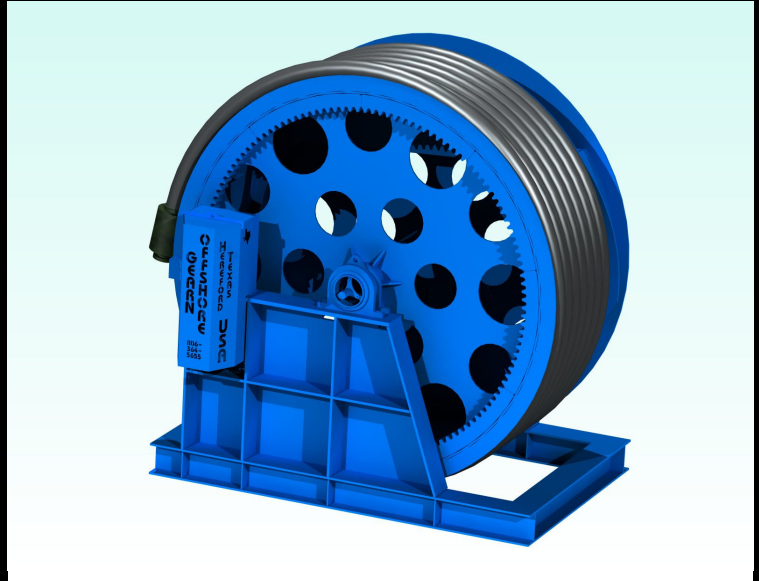
162" Long x 127.50" Wide at Base  
162" Long x 165" Wide x 168" High Overall  
65,000 lb With Flexible

#### Control Unit Size / Weight:

48" Long x 24" Wide x 52" High  
500 lb With Hydraulic Fluid

#### High Pressure Components:

True 4.00" Bore Minimum Throughout  
400' of 4" x 15 ksi Coflexip Pipe  
4" x 15 ksi Texas Oil Tools Quick Disconnect  
3" x 15 ksi Dual Entry FMC Treating Iron



#### Winch Structure:

- Compact Footprint
- Skid Mounted Wide Flange Base
- Long Wear Brass Main Bearings
- 3/4" Plate Throughout Drum Structure
- Stainless Steel Caliper Flange
- Large Sidewall Openings for Access Inside Drum

#### Drivetrain:

- 37 kW Electrical Motor with Variable Frequency Drive
- Heavy Duty Planetary Gear Reducer with Integrated Parking Brake
- Large Diameter Primary Gear

#### Hydraulic System:

- Stainless Steel Tubing
- Stainless Steel Armored Teflon Flexible Tubing
- No Rubber Hoses
- Medium System Pressure (1500 psi)
- Non-Circulating Hydraulic Flow
- Accumulator for Reserve Pressure

#### Power Requirements:

- 460 VAC 3-Phase, 41 kW Nominal
- 120 VAC Single Phase, 50 W Nominal

#### Control Unit Structure:

- Stainless Steel Framework
- Stainless Steel Covers
- Removable Stainless Steel Hydraulic Tank

#### Electrical System:

- All Components Rated NEMA 4X
- All Exposed Components Rated Explosion Proof
- All Exposed Components Rated IP56
- Enclosed 3.7 kW Hydraulic Motor Rated IP54
- PLC Control and Troubleshooting

#### Emergency and Braking Systems:

- Hydraulic Disconnect, Hydraulic and Spring Applied Connect
- Local Manual and Remote Electrical Quick Disconnect Operation
- Quick Acting Hand Pump
- Spring Applied, Hydraulically Released Parking Brake
- Hydraulically Applied, Spring Released Double Caliper Brake