

Predator Hoist Series

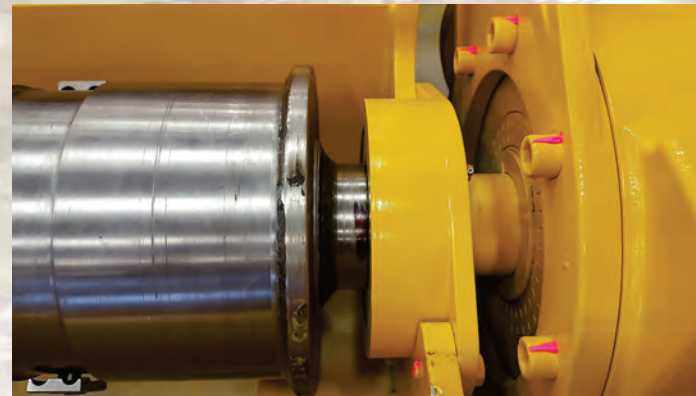
"PE" Pre-Engineered Hoist



Top Running Double Girder Class D



TRDG Commercially Available Components



Drum Bearing at Gearbox



Special Rigid Suspensions



15 Ton Monorail Hoist with Articulating Trolley



URDG with Hydraulic Disc Brakes

AVAILABLE OPTIONS

- Alternate Trolley Speeds
- Outdoor Weather Service and Protection
- Manual Brake Release
- Festoon tow arm
- Increased Trolley Gauge
- Class "H" Motor Insulation
- Other Voltages
- TOL Relays
- Power Circuit Limit Switches
- Cable Reels

PIEDMONT
HOIST & CRANE
OVERHEAD CRANE SPECIALISTS
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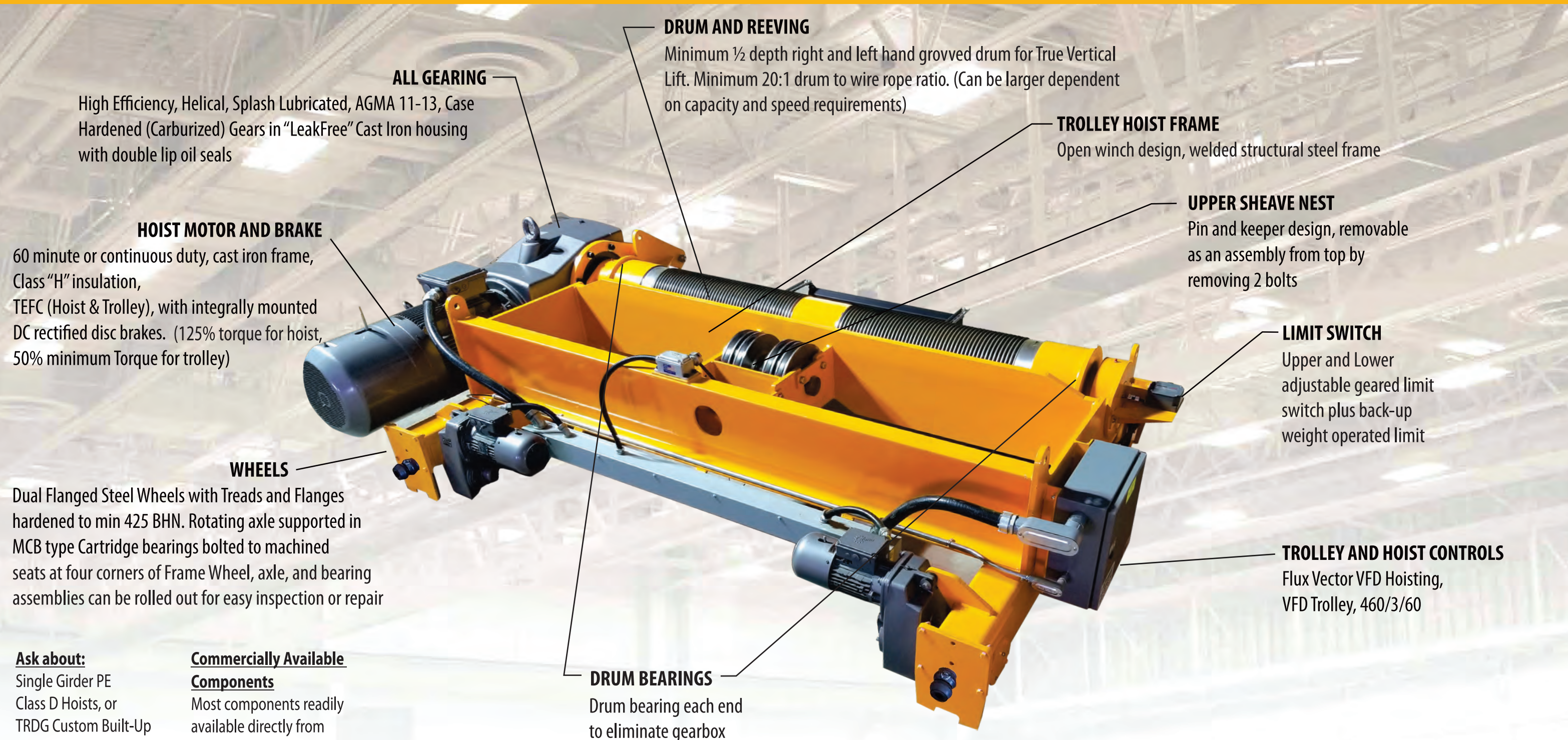
Predator PE Series
Pre-Engineered Built-up Hoist



Predator Hoist Series

"PE" Pre-Engineered Hoist

Hoist capacities from 5 Tons up to 40 Tons
Meets duty requirements for CMAA Class "D" Service



ALL GEARING
High Efficiency, Helical, Splash Lubricated, AGMA 11-13, Case Hardened (Carburized) Gears in "LeakFree" Cast Iron housing with double lip oil seals

HOIST MOTOR AND BRAKE
60 minute or continuous duty, cast iron frame, Class "H" insulation, TEFC (Hoist & Trolley), with integrally mounted DC rectified disc brakes. (125% torque for hoist, 50% minimum Torque for trolley)

WHEELS
Dual Flanged Steel Wheels with Treads and Flanges hardened to min 425 BHN. Rotating axle supported in MCB type Cartridge bearings bolted to machined seats at four corners of Frame Wheel, axle, and bearing assemblies can be rolled out for easy inspection or repair

Ask about:
Single Girder PE Class D Hoists, or TRDG Custom Built-Up CE Hoists for CMAA applications to 250 tons through Class F

Commercially Available Components
Most components readily available directly from component manufacturer. Original equipment part numbers available on request.

DRUM AND REEVING
Minimum 1/2 depth right and left hand grooved drum for True Vertical Lift. Minimum 20:1 drum to wire rope ratio. (Can be larger dependent on capacity and speed requirements)

TROLLEY HOIST FRAME
Open winch design, welded structural steel frame

UPPER SHEAVE NEST
Pin and keeper design, removable as an assembly from top by removing 2 bolts

LIMIT SWITCH
Upper and Lower adjustable geared limit switch plus back-up weight operated limit

TROLLEY AND HOIST CONTROLS
Flux Vector VFD Hoisting, VFD Trolley, 460/3/60

DRUM BEARINGS
Drum bearing each end to eliminate gearbox axial loading

