

Modular Dragline Hoist and Drag Gearcases

Dragline services

Summary

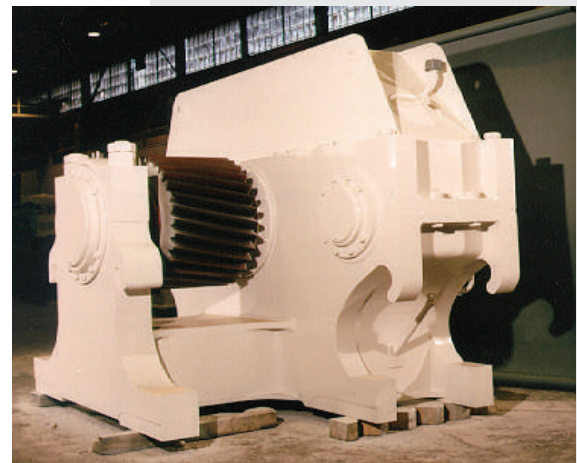
P&H walking draglines utilize rugged, modular hoist and drag gearcases designed and built for exceptional durability and ease of installation and maintenance.

Benefits

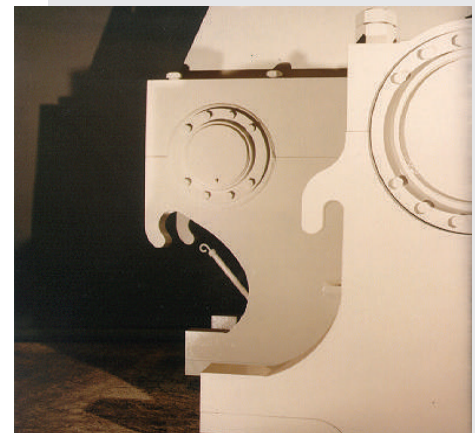
- Modular
 - Hoist and drag gearcases are identical, which means all components including gears, shafts and pinions are interchangeable
- Durable
 - Thick 5-inch/127 mm one-piece steel plate sides prevent case flexing and internal gearing misalignment
- Maneuverable
 - Lifting hooks integral with thick sidewall plates facilitate case placement or removal, preventing damage and twisting due to improper slinging (case lid also has its own lifting eyes for easy lid removal and placement)
- Easy to align
 - Case is clamped to the deck, rather than held down by a series of bolts around base perimeter - this patented arrangement allows for precise final alignment of each reducer box drum pinion with the drum gear to ensure good gear contact and longer gear life
- Tough
 - All internal gearing consists of forged pinions and gear rims that are ground after heat treatment to AGMA Quality 10 (with shafting running on anti-friction bearings)
- Lubed
 - All reducers are force-lubricated with filtered oil - contributing to longer gear and bearing life
 - All shafts are "sealed" with oil slinging-type labyrinth mechanical seals - oil sampling spigots and dip sticks are conveniently located for easy monitoring of oil
- Easy to inspect
 - Porthole-style inspection covers with one-hand knob clamps are positioned on each end of the case for easy inspection of the gear mesh

Product application

- 9020C
- 9020XPC



The thick side walls prevent flexing and gear misalignment.



Integral lifting hooks are built into the case.

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