P&H Crawler Frame Upgrade
301M, 495HR, 495HF, 7495

Description
P&H side frames have been proven in severe duty applications; this same engineering and manufacturing expertise has now been applied to the design of non-P&H structures.

Upgrades can be supplied in the following configurations:
• Bare crawler frame
• Assembled OEM equivalent direct replacement parts
• Assembled 10" Delta Conversion with grease lines and covers
• Assembled 11" Delta Conversion with grease lines and covers

NOTES: OEM part number should be confirmed upon ordering.
Assembled crawler frames are not shipped with crawler shoes.

Benefits at a Glance

Extended Structural Life
• Increased inner and outer wall plate thickness
• Continuous welded guide rail eliminates cross welds
• Increased clearance between frame and crawler shoes
• FEA and strain gauge studies helped drive design improvements, resulting in an improved structural life of up to 60,000 hours

Compatibility
• Interchangeable with OEM side frames
• Designed to accept different mounting and transmission configurations
• Can be fitted with P&H Final Drive Shaft upgrade

Proven P&H performance
• First set of side frames installed on a 495HD in 2013 experienced 18,000 maintenance-free hours (as of November 2016)
• Once P&H crawler frame upgrade was installed, customer experienced no further structural cracking on truck frame
• Customer referenced above is converting remaining 495 electric mining shovel fleet to P&H crawler frames

For more information, contact a Joy Global representative or visit www.joyglobal.com