

## Straddle Supported, Eccentric Design Walk System Dragline Services

### Product application

- P&H 9000C-series draglines

### Benefits

- Smooth dragline walking operation
- Designed to reduce structural and component stress
- The ability to re-index the walk gear without completely removing the walk shaft allows the procedure to be performed with less downtime

### Description

This walk system is designed with inboard and outboard support of the walk leg mechanism. The eccentric-type walk leg and knee mechanism features support on both sides, with a significantly large bearing support area. This design results in reduced bearing and structural stresses, and very low and uniform pressures between the moving parts of the walk mechanism.

The walk gear is designed with internal involute splines within the hub to allow it to remain in place when the walk shaft is disengaged. This facilitates periodic re-indexing of the walk gear for more uniform tooth wear and extended gear life.

### Summary

The straddle supported walk system is the most advanced mechanism for moving a large dragline. This system is designed to provide smooth, reliable operation with low stresses imparted to the components and structures.



Straddle-supported, eccentric design walk leg and knee mechanism for P&H 9000C-series draglines.

For more information, contact a local  
Komatsu Mining Corp. representative  
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