Increasing torque by 50%-65% over original transmission designs, the L&H Omega propel transmission is a piggy back design that makes motor input coupling alignment insensitive to crawler frame deflections.

**Benefits**

- Increased variance in motor realignment. With more variance allowed in aligning the motor, the Omega propel allows up to .004" of variance, compared to a standard variance of less than .02".
- Ready for extreme arctic conditions. Provision for field installation of two sump heaters.
- Improved maneuverability. With increased torque, the shovel experiences ease of movement and is better equipped to get unstuck without assistance from support equipment.
L&H OMEGA PROPEL TRANSMISSION FOR SHOVELS

L&H FIELD SERVICES
Our experienced field crews, available 24/7 worldwide, can install our custom-manufactured L&H Omega Undercarriage and other improved assemblies for electric rope shovels. L&H Field Services also offers inspections, full undercarriage maintenance, repair service and complete rebuilds.

RELATED L&H PRODUCTS
- Crawler assembly with upgrade
- Transmissions new/exchange/upgrade

TECHNICAL DETAILS

Piggy back motor base
Mounting the motor up and out of the dirt/mud/rocks allows the design to be unaffected by crawler frame deflections, which allows for greater misalignment.

Independent annulus gear rings
With exceptional AGMA surface quality, the life of the gears is extended and rebuilding the components is simplified.

Data aquisition monitoring system
Adding an additional inch to the roller path and redesigning the internal core decreases the wear rate, increasing the overall life of the component.

Contact us about our advanced L&H Omega propel transmission for CAT/Bucyrus shovels.