SHOVELS

Advanced L&H technology for electric rope shovels and hydraulic excavators

Improving the world’s hardest working heavy machines

Honestly Better. From the mining industry’s most sophisticated undercarriages to machine modifications that drastically reduce maintenance times to metallurgy that extends component life, L&H technology improves shovels and hydraulic excavators from the ground up.

Honestly Better.™
L&H innovations for mining shovels

Our specialized engineers have made major strides in improving the lifetime performance of shovel assemblies

- L&H Omega Undercarriages last 30% longer than OEM undercarriages.
- L&H Omega Swing System have universal bolt patterns and 300% more thrust surface.
- L&H Omega Booms offer larger forgings in the boom foot and boom point, along with an increased belly plate thickness below the shipper shaft, increasing strength and rigidity.

Select components & assemblies

### Shovels

**PROPEL SYSTEM**
- Crawler assembly
- Final drive
- Transmission

**SWING SYSTEM**
- Roller circle
- Transmission
- Center pin
- Shafting

**CROWD SYSTEM**
- Dipper stick/handle
- Transmission
- Shipper shaft
- Saddle block

**HOIST SYSTEM**
- Transmission
- Hoist drums
- Boom point assembly

**ATTACHMENTS & STRUCTURES**
- Carbody
- Gantry
- Boom
- Revolving frame

**DIPPER**
- Hydraulic snubbers
- Bail
- Pins and bushings kits

### Excavators

- Undercarriages
- Cylinders
- Buckets
- Bucket pins and bushings kits

Brands Served

- CAT/Bucyrus ®
- Hitachi ®
- Komatsu ®
- Liebherr ®
- Vintage machines
- Custom machines

L&H Field Services

- Machine rebuilds
- Rush breakdown repairs
- UT analysis
- Failure analysis and troubleshooting
- Full machine audits & inspections
- Equipment relocations
- Machine customizations

Higher performance and safety standards

100% of L&H premium components meet, or more often exceed, OEM performance, quality, and safety standards.

Learn more about L&H services and our components and assemblies for specific industrial solutions, or contact us to find out how we can improve your operations.