

Traction Alternators

The prime choice for mine-haul trucks



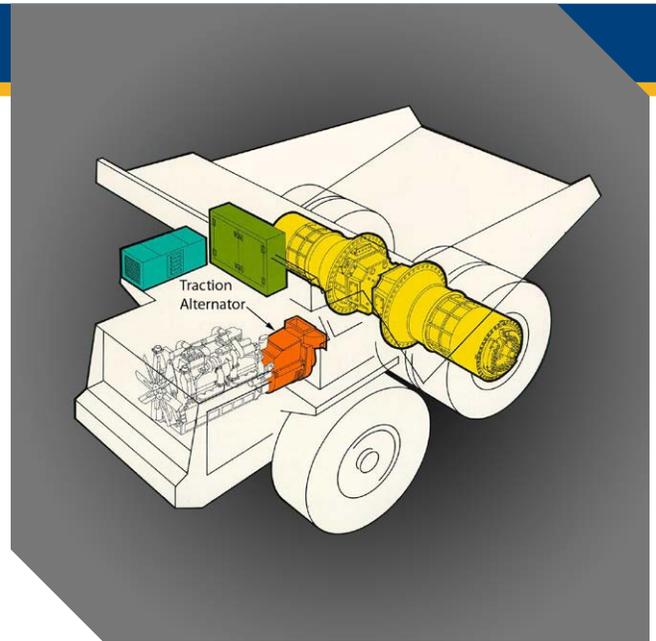
Kato Engineering

Rugged Construction and Superior Insulation

KATO™ traction alternators are the premier choice for mine-haul trucks. These traction alternators provide the power for today's electric drive systems.

KATO™ traction alternators' compact design helps increase vehicle payload along with profitability. Rugged construction and superior insulation ensure they can handle bumpy, grimy conditions as well as the thermal cycling caused by the constant acceleration and deceleration of mine-haul truck duty.

- Designed to match engine power from 2000 - 3700 HP
- Variable speed operation from 650 -1900 RPM
- Up to 2800 Vdc, when rectified
- Single or dual bearing configurations, with customizable options
- Customer specific mounting options
- Class H VPI insulation materials are used on all wound components for long service life
- Heavy duty windings designed for AC drive applications (ie. SCR and IGBT drives)
- Either self cooled or by customer supplied, ducted cooling air
- Brushless excitation with heavy duty rotating rectifier
- Withstands shock loads of up to 5Gs in any axis
- Designs that are optimized for reduced weight to increase overall payload



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