GE Mining Product Overview

PROPULSION & EXTRACTION

320T Drive System for Komatsu 930E

NEXT GENERATION CONTROL GROUP HAULS MORE TONS FOR LESS COST

GE has a long and successful partnership with Komatsu, developing and supplying the most advanced electric propulsion systems for their large mining haul trucks since the 1970's. Today, GE developed the next generation drive system for the new Komatsu 930E (320T) haul truck to further improve its productivity advantage over competitive models.

GLOBAL LEADING PRODUCTIVITY...

The GE 320T drive system features the latest compact inverter design, contactor-less retarding system and AC variable speed component cooling. Together, this improves the overall efficiency of the 930E’s AC drive system and diesel engine, providing the most powerful and efficient 320T haul truck propulsion platform available on the market today.

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DIFFERENTIATING FEATURES

• Electrification of AC drive cooling system for optimal operation and lower fuel burn
• Contactor-less retarding reduces maintenance inspections and eliminates consumables
• Compact inverter design with fewer parts, less hardware and easier maintenance access
• Lower engine fan noise

OPTIMIZED OUTCOMES

• Higher reliability and truck availability
• Reduced maintenance costs and faster cycle times
• Lower cost per ton hauled
• Quieter operation