



Hitachi introduces five mining electric drive shovels: EX1900E-6, EX2600E-6, EX3600E-6, EX5600E-6 and EX8000E-6

New models available in United States and Latin America

MOLINE, III. (February 15, 2016) – Hitachi Construction Machinery – Americas today announced the introduction of five mining electric drive shovels to the U.S. and Latin American markets – the EX1900E-6, EX2600E-6, EX3600E-6, EX5600E-6 and EX8000E-6.

The five EX-6 electric drive mining shovels feature an advanced zero-emission electric drive motor designed to provide a cost-effective solution to mining operations where low-cost electric power is available.

“The combination of features on the new EX-6 electric drive shovels will deliver value to our customers by providing higher productivity and lower total cost of ownership through efficiency, reliability and durability,” said Craig Lamarque, division manager, Hitachi.

The Hitachi TFOA-KK electric motors are powerful, tough and require less overhauling, periodic inspection and service. The motor’s voltage ranges from AC 6600V-6900V/60HZ and results in a rated continuous output ranging from 610kW on the EX1900E-6 to 1200kW x 2 on the EX8000E-6.

Efficiency

The design of the new EX-6 series electric drive shovels results in simplified and improved daily maintenance. The machines do not need costly consumables such as engine oil, filters, coolant or fan belts. Components related to an engine are also eliminated, such as radiators, air filters and mufflers. In addition, an auto-lubrication system eliminates cumbersome daily lubrication and a fast-filling system enables ground-level refills reducing time during regular stops.

The five shovels are equipped with Hitachi’s exclusive level crowding and arc digging system that provides high productivity while ensuring efficiency.

Reliability

Operators of the new shovels can rely on Hitachi’s best-in-class operator station that features increased visibility and comfort. Fluid-filled elastic mounts reduce cab shocks and vibration by 20 – 30 percent compared to rubber mounts, and the advanced multi-display monitor provides operators with key machine status information. This provides more accurate machine driving status information which will, in turn, improve machine performance and uptime.

The shovels come standard equipped with remote machine monitoring system that provides access to machines from a personal computer in your office through Hitachi’s Global e-Service. Operating data are transmitted to a Hitachi server for processing, and then to customers and dealers. This system is available 24 hours a day, all year round.

All five electric shovels come with the optional SkyAngle™ system designed to increase peripheral vision around the excavator by providing synthesized multiple images captured by cameras specifically positioned at four locations around the excavator. The feature displays camera views on a single monitor to allow operators an auxiliary means of checking for ground level obstacles.

Durability

Just like the rest of Hitachi's mining line, the EX-6 electric drive mining excavator front attachments are made from welded steel plates, not cast structures. The boom and arm are welded from low-stress and high-tensile strength steel for a full box section design. This rigid box design resists twisting and bending forces.

The undercarriage design for the five new models is the same as Hitachi's popular Giant EX Series. The track shoes incorporate a triple grouser design and single roller; and roller guides are used to extend service life for track shoes.

All models feature a filtered and monitored hydraulic system that will monitor and warn operators about machine hydraulic health.

Learn more about these models at www.HitachiConstruction.com.

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About Hitachi Construction Machinery Co.

Hitachi Construction Machinery Co. specializes in the production of hydraulic excavators, shovels and rigid haul trucks for the mining and construction industry. By focusing on these product lines – instead of a large selection of related products – Hitachi is able to produce more efficient, reliable and durable machinery. For more information, please visit HitachiConstruction.com.

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