



980E-5SE

Electrical truck



**Greater power and
productivity for mining**

Specially developed to meet large-scale mining requirements, the new 980E-5SE electric drive truck provides greater productivity and faster operation to move the material due to its powerful 16-cylinder Cummins QSK95 engine.

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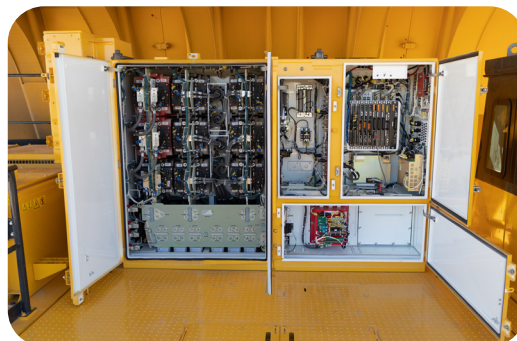
Diesel engine

- **Brand and model:** Komatsu SDA16V190-1 (Cummins QSK95).
- **Fuel type:** Diesel.
- **No. of cylinders:** 16.
- **Operating cycle:** 4 cycles.
- **Gross power:** 4,400 hp @ 1,800 rpm.
- **Flywheel:** 4,250 hp @ 1,800 rpm.
- **Weight (wet):** 13,585 kg.



Electric propulsion system

- **AC/DC alternator:** GTA-63.
- **In-line double impeller blower:** 127.4 m³/min (4,500 cfm).
- **Control:** AC Torque control system.
- **Electric wheels:** GDY108D.
- **Final drive ratio:** 35.02:1.
- **Speed (maximum):** 64.4 km/h (40.0 mph).



General specifications

Body – DTHiLoad

- **Model:** DT-HiLOAD® Phase X 980E-5SE 200 m³.
- **Fluff density considered:** 1.8 t/m³.
- **Dump body capacity**
- **SAE Standard 2:1:** 241 m³ of volumetric capacity.
- **Net DT 2:1 (KAC):** 200 m³.
- **Net DT 2:1 (KAC) w/liners and opc:** 200 m³ of full volumetric capacity.
- **Dumping angle:** 45°.
- **Maximum tilt height:** 14,889 mts.
- **Reference net weight (w/o liners):** 38,045 kg (+5% - 3%).
- **Reference net weight (w/ liners, options):** 42,800 kg (+5% - 3%).



New upgrade	Benefit
QSK95 Diesel engine.	Allows operating the truck more efficiently in deep pits due to its 4,400 HP gross power.
MCRS system in diesel engine.	Emissions reduction platform.
Electric system.	Electromobility platform.
Renewed cabin.	New design with improved ergonomics, safety, and comfort for the operator.
Komvision system (option).	Operator support system that increases safety.



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