

Sandvik Coal Hauler TC230E in Action

13 ton capacity battery powered coal hauler



B4-307ENG TC230E / Copyright © Sandvik Mining and Construction G.m.b.H., Dec. 2009





Sandvik Coal Hauler TC230

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The Sandvik coal hauler TC230E is a battery-powered, articulated, low-profile, high-capacity machine for coal mines in which the layout and method of extraction call for the flexibility and versatility of rubber-tired vehicles, capable of operating in narrow mining entries

Technical data TC230E*

Capacities

Payload	13.0 tonnes	14.3 tons
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Standard Bucket

Heaped Capacity (SAE)	4.8 m ³	6.3 yd ³
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Dimensions

Operating (Including Battery)	26444 kg	58300 lb
Total length	11 431 mm	450 "
Max. width	3 708 mm	146 "
Height over canopy	1122 mm	44 "

Weight

Total operating weight	20600 kg	45400 lb
Total loaded weight	39417 kg	86900 lb

Drive unit

Tramming speed	0 – 9.6 km/h	0 – 6 mph
Motors	36.8 kW	50 hp DC, MSHA approved

Tyres: 350/65 R15 Michelin XDM, Foam Filled

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Features and Benefits

- Improved safety
- Increased flexibility
- Microprocessor based IGBT contactorless control with diagnostic readout in operator's compartment.
- Push button "Joystick" operator controls.
- Ergonomically designed operator's pit to reduce operator fatigue.
- Extended operator's cab with adjustable foot pedal positioning.
- True 4-wheel drive tram system with John Deere 1200 series axles.
- Ground based battery changing system.
- Fully enclosed wet disc brakes.
- Reduced empty weight on hopper end to reduce tire wear.



TC790 operator's cab



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