

HC43

Hydex

Coal Hauler Articulated Truck

The **HYDEX HC43** is a purpose-built Coal Hauler for the mining industry.

Based on the Cat 740B Articulated Truck chassis offering proven reliability and durability, high class performance and productivity, optimum payload, operator comfort and ease of operation.



- 43 m³ / 56 yd³ capacity
- Designed for standard length chassis
- Uses existing hoist cylinders
- Scissor tailgate

Engine Gross Power

365 kW	489 hp
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Engine Net Power (ISO)

361 kW	484 hp
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Operating Weight (loaded)

73 975 kg	163,087 lb
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Rated Payload

39.5 tonne	43.5 tons
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The Hydex HC43 is supplied by **Articulated Truck Solutions LLP**

HC43 Coal Hauler Articulated Truck *Specifications*



Engine

Engine Model	Cat® C15 ACERT®	
Gross Power – SAE J1995	365 kW	489 hp
Net Power – SAE J1349	354 kW	474 hp
Net Power – ISO 14396	361 kW	484 hp
Bore	137 mm	5.4 in
Stroke	171.5 mm	6.75 in
Displacement	15.2 ltr	926 cu.in

Transmission

Forward 1	8.9 km/h	5.5 mph
Forward 2	12.1 km/h	7.5 mph
Forward 3	16.4 km/h	10.2 mph
Forward 4	22 km/h	13.7 mph
Forward 5	30 km/h	18.6 mph
Forward 6	40 km/h	25.1 mph
Forward 7	54.7 km/h	34 mph
Reverse 1	8.4 km/h	5.2 mph
Reverse 2	11.6 km/h	7.2 mph

Standards

Brakes	ISO 3450 : 1996
Cab/FOPS	ISO 3449 Level II : 2005
Cab/ROPS	ISO 3471 : 2008
Steering	ISO 5010 : 2007

Operating Weights

Front Axle - Empty	20 664 kg	45,556 lb
Center Axle - Empty	7229 kg	15,937 lb
Rear Axle - Empty	6499 kg	14,328 lb
<i>Total Empty</i>	<i>34 393 kg</i>	<i>75,824 lb</i>
Front Axle - Rated Load	5211 kg	11,488 lb
Center Axle - Rated Load	17 186 kg	37,889 lb
Rear Axle - Rated Load	17 186 kg	37,889 lb
<i>Total Rated Load</i>	<i>39 582 kg</i>	<i>87,263 lb</i>
Front Axle - Loaded	25 875 kg	57,045 lb
Center Axle - Loaded	24 415 kg	53,826 lb
Rear Axle - Loaded	23 685 kg	52,216 lb
<i>Total - Loaded</i>	<i>73 975 kg</i>	<i>163,087 lb</i>
Rated Payload	39.5 tonnes	43.5 tons

Body Hoist

Raise Time	12 seconds
Lower Time	7 seconds

Service Capacities

Fuel Tank	560 ltr	148 gal
Cooling System	80 ltr	21.1 gal
Hydraulic System	328 ltr	86.6 gal
Engine Crankcase	38 ltr	9.5 gal
Transmission	72 ltr	19 gal
Final Drives/Differential	72 ltr	19 gal
Output Transfer Gearbox	18 ltr	4.8 gal

Sound Levels

Interior Cab	79 dB(A)
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All cab/chassis machine specifications are contained in the Cat 740B specalogue publication AEHQ6072

Materials and specifications are subject to change without notice.

See your Caterpillar dealer for standard and optional cab equipment.

Articulated Truck Solutions LLP

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