

WT40

Hydex

Water Tank Articulated Truck

The **HYDEX WT40** from Articulated Truck Solutions gives you ultimate performance, toughness and reliability on the most demanding mining and construction sites.



Specifications

- Based on Cat® 740 chassis
- 8000 US gallon capacity
- Maximum visibility and lowest centre of gravity
- Rear spray bar includes four (4) spray heads
- Two (2) side spray heads
- 1500 GPM hydraulic driven centrifugal pump
- 30" (600 mm) manhole for inspection and filling purposes
- Fenders and mud flaps
- Lighting group including: stop, tail, turn and ID
- Interior coated 100% rust-resistant Plexiblack.

Engine Gross Power

350 kW	469 hp
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Engine Net Power (ISO)

338 kW	453 hp
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Tank Capacity

30 300 ltr	8000 USgal
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The Hydex WT40 is supplied by **Articulated Truck Solutions LLP**

WT40 Water Tank Articulated Truck *Specifications*

Engine

Engine Model	Cat® C15 ACERT®	
Gross Power – SAE J1995	350 kW	469 hp
Net Power – SAE J1349	338 kW	453 hp
Net Power – ISO 9249	342 kW	458 hp
Net Power – EEC 80/1269	342 kW	458 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 km/h	5 mph
Forward 2	12 km/h	7.5 mph
Forward 3	16 km/h	10 mph
Forward 4	22 km/h	13 mph
Forward 5	30 km/h	18 mph
Forward 6	40 km/h	25 mph
Forward 7	55 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

Tank Capacity

30 300 ltr 8000 USgal

Service Refill Capacities

Fuel Tank	532 ltr	140.5 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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Tank Options

Remote controlled turret monitor, tank bulkhead mounted, hydraulically operated.

Hose reel with 100' (30.5 metre) of 1½" hose, includes straight nozzle.

Interior of tank coated with epoxy lining in lieu of Plexiblack.

Access ladder to top of tank.

Full width gravity bar with in-cab control.

Water level gauge in operator compartment.

Rear view camera with in-cab display.

Rear push block with swing step.

Front bumper-mounted spray bar.

Self-loading system allowing for suction from water source. Includes priming reservoir and two (2) 20' (6 metre) sections of suction hose with strainer and foot valve.

Fire Eater system. Includes built-in stainless steel foam tank and adjustable nozzle for GPM and % of foam adjustment.

Fold-down 42" (1.07 metre) high safety railing on tank top, from access ladder to manway.

All cab/chassis machine specifications are contained in the Cat 735 specalogue publication AEHQ6031

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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