



# Water Tanks

WT25, WT30, WT35, WT40 and WT45



## Hydex Articulated Water Tank Trucks: WT25, WT30, WT35 and WT40

The Hydex WT range is a complete line of water trucks from Hydex Solutions Ltd. More than just a water tank, it's a water truck; an integrated machine designed for dust suppression on the most demanding mining, quarrying and construction sites. Hydex baffle valves (patent pending) in both transverse and longitudinal directions offer vastly superior stability, helping to eliminate truck rollover and making the Hydex WT one of the safest water trucks on the market today.



## Why choose a Hydex WT Series Articulated Water Tank Truck?

Model	Tank Capacity	ADT	Chassis type
WT25	5000 US Gallon / 19,000 litres	CAT 725	Standard Chassis
WT30	6000 US Gallon / 23,000 litres	CAT 730	Standard Chassis
WT30	7000 US Gallon / 27,000 litres	CAT 735	Standard Chassis
WT30	8000 US Gallon / 30,000 litres	CAT 740	Standard Chassis
WT45	9000 US Gallon / 34,000 litres	CAT 745	Standard Chassis

In addition to the Hydex baffling system (patent pending), which helps to make a Hydex WT one of the safest water trucks on the market, we chose to design and develop our own tank so that we can better control the manufacturing quality, in conjunction with equipping the tank with as many CAT® components as possible. Where suitable CAT® components are not available, Hydex holds spare part stocks at our facility to ensure good availability.

Of the non-CAT® parts, we have chosen to fit high-spec components to help provide the reliability that you would expect from Hydex. For example, all spray heads are hydraulically activated through CAT® valves, all the hydraulic hosing is CAT® XT-3 and all trucks are fitted with Berkley water pumps.

The Hydex logic control system offers the operator a clear and easy-to-operate control system, with functionality and safety benefits. Any function can be accessed through the press of a single button rather than having to engage hydraulics, open valves, then open spray heads etc. Also, the machine can never be left in a dangerous state (with a spray head open for example). Whenever the ignition of the truck is switched off, the normal safe condition of the truck is reverted to.

Hydraulic motors are specified well within their comfortable working range to help ensure a long, troublefree life and have been selected so that optimum pump RPM is achieved at lower engine RPM. This in turn increases drivability and the fuel economy of the machine is maximised. Any extra hydraulic flow not required is diverted back to tank rather than restricting the hydraulic flow which causes the high pitch squeal you hear from so many of our competitors' trucks. Best of all, the days of holding a water tank in 3rd gear around the site at maximum engine RPM are fortunately gone, reducing engine and transmission strain, not to mention saving valuable fuel!

The Hydex WT range of water trucks is fully customizable to your site's requirements, meaning if you have a road to wash or a special area to reach, we can tailor our trucks to meet your demands.



## Standard Tank Specifications

- Hydex baffle system.
- 5000 US Gallon / 19,000 litre through to 9000 US Gallon / 34,000 litre tank capacity
- Epoxy coating.
- 1500 GPM hydraulic driven centrifugal pump.
- Rear spray bar to include up to three fully adjustable fan spray heads with individual cab mounted hydraulic controls.
- Two spray heads mounted on front of tank for side sprays with individual cab controls.
- Self loading system which allows for suction from a water supply.
- Water level indicator in cab.
- Splash guard on front and rear of tank to protect cab/rear area.
- CE marked if required.
- Hydex control system.



## Additional Options

- Remote controlled turret water cannon, with the control panel mounted within the cab.
- Full width gravity bar with in cab control.
- Hose Reel with 100' x 1½" hose including straight nozzle.
- Fire Eater system; includes built in stainless steel foam tank, and adjustable nozzle for water and foam.
- Rear spray bar with staggered fan sprays.
- Extensive range of options available: side sprays, hose reels, water cannons, gravity dumps.
- Stainless steel tank and pipework.

### Other products in the Hydex Articulated Truck range include:



**Coal Truck**



**Side Extensions**



**High Capacity Tipper**



**Service Truck**



**Container Carrier**



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## Related Products



### Sideboards

The Hydex side extension modification has been designed to offer increased capacity to the standard CAT® articulated truck dump body. These extensions can be used to improve your application by reducing spoil spillage when carrying a standard sized load or increasing the volumetric capacity if a lighter material is being carried.



### High Capacity Bodies

The HYDEX HCT30 is designed for hauling waste on to and around landfill sites. Based on the Cat 730 Articulated Truck chassis offering proven reliability and durability, high class performance and productivity, optimum payload, operator comfort and ease of operation.