

Hydex[®]

Articulated Water Trucks



WT25 • WT30 • WT35 • WT40

Articulated Truck Solutions LLP

Design • Develop • Deliver • Depend

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

The Hydex WT range is a complete line of water trucks from Articulated Truck Solutions. 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.

Supplied on a new CAT[®] chassis directly from our facility close to the world-wide Caterpillar[®] ADT factory or, for used equipment, it can be fitted at your local CAT[®] dealer with the supervision of one of our own engineers. So whichever way you buy your water truck, you get a complete machine to factory standards with the parts and service you expect.

Why choose a Hydex WT Series Articulated Water Tank Truck?

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 though 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, trouble-free 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.

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Standard Tank Specifications

- Hydex baffle system.
- 5000 US gal / 18,900 litre through to 8000 US gal / 30,300 litre tanks 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.

Your Application : Our Solutions

Other products in the Hydex Articulated Truck range include:



Coal Truck



Side Extensions



High Capacity Tipper



Service Truck



Container Carrier



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Your nearest authorized dealer is:

Materials and specifications are subject to change without notice.

See your Caterpillar dealer for standard and optional cab equipment.

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