



ARTICULATED WATER TANKS

WT21K • WT25K • WT31K • WT35K • WT51K



Hydex Articulated Water Tanks

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The Hydex WT range is a complete line of water tanks from Hydex Solutions Ltd. The Hydex water tank is designed for dust suppression on the most demanding mining, quarrying and construction sites. Hydex baffle valves in both transverse and longitudinal directions offer vastly superior stability, helping to eliminate truck rollover and making the Hydex WT series one of the safest water tanks on the market today.



Why choose a Hydex WT Series Articulated Water Tank Truck?

| Model | Tank Capacity | Carrier | Chassis Type |
|-------|-----------------------------|---------|------------------|
| WT21K | 21,000 L / 5548 US Gallon | 25T | Standard chassis |
| WT25K | 25,000 L / 6605 US Gallon | 30T | Standard chassis |
| WT31K | 31,000 L / 8190 US Gallon | 35T | Standard chassis |
| WT35K | 35,000 L / 9246 US Gallon | 40T | Standard chassis |
| WT35K | 35,000 L / 9246 US Gallon | 45T | Standard chassis |
| WT51K | 51,000 L / 13,473 US Gallon | 60T | Standard chassis |

In addition to the Hydex baffling system, 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 OEM components as possible. We hold spare part stock at our UK, USA and Australia facilities to ensure good availability on general wear and tear parts.

We have chosen to fit high-spec components to help provide the reliability that you would expect from Hydex, for example, Hannay hose reels, Berkeley water pumps and Elkhart/Magnum water cannon.

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 truck reverts to its normal safe condition.

The Hydex WT range of water tanks 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. Compatible with all OEM Articulated Truck chassis.



SPRAY HEADS

The Hydex 3" spray head has many features. Apart from being fully adjustable, the spray heads we use are high quality, heavy-duty, double-acting hydraulic or pneumatic actuated spray heads.

These spray heads are used across our full range of water tanks. We give you the ability of customizing spray head configuration so you can specify your own preferred distribution between front and rear of the water tank.

BERKELEY WATER PUMPS

The core of the Hydex Water Tank is the water pump. The Berkeley centrifugal water pump is driven from the vehicles hydraulic system ensuring optimum performance. Pump is mounted in a convenient, easily accessible location for any future servicing.

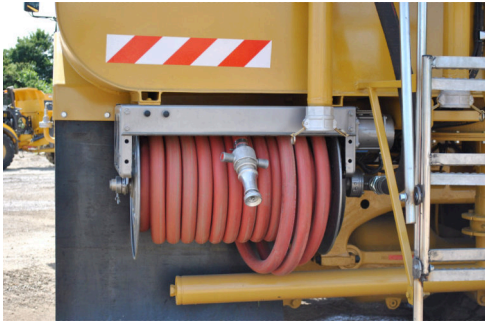
REMOTE CONTROL CANNON & SPRAY SYSTEM

Elkhart and Magnum have been Hydex choice of manufacturer for the spray system due to the quality and how vital these components are. Providing up to 65 metres (213 feet) of coverage, those troubled areas across mines, quarries and construction sites are now taken care of. The cannon is electrically controlled in cab by the Hydex joystick. Both brands are renowned as the best spray systems on the market and are fitted as standard equipment across the whole Hydex Water Tank range.



OPTIONAL EQUIPMENT

HOSE REEL



Electric Hose Reel (30 metres/100 ft of 1½" hose with adjustable nozzle).

SAFETY RAIL (top of tank)



Access ladder to top of tank as standard. With the option of fully customizable top of tank safety handrails with underfoot safety grip for optimum safety. We can manufacture to your exact requirements.

FRONT SPRAY BAR



Two fully adjustable, high quality spray heads situated on a front bumper spray bar. Hydraulic or pneumatic operated from OEM supply.

SUCTION LOADING



Our suction loading systems allow filling from any lakes or reservoirs. Adding this feature to your Hydex Water Tank means any source of water can be used for looking after your site. A flexible hose kit is provided to hook up to the suction loading system to begin filling.

REAR DRIBBLE BAR



Our rear dribble bar penetrates pressurized water onto the ground. The water is fed directly from the bottom of the tank.

REAR BACK UP CAMERA



Equip your Hydex water tank with our rear back up camera for ultimate awareness of surroundings to ensure safety standards are met every single step of the way.

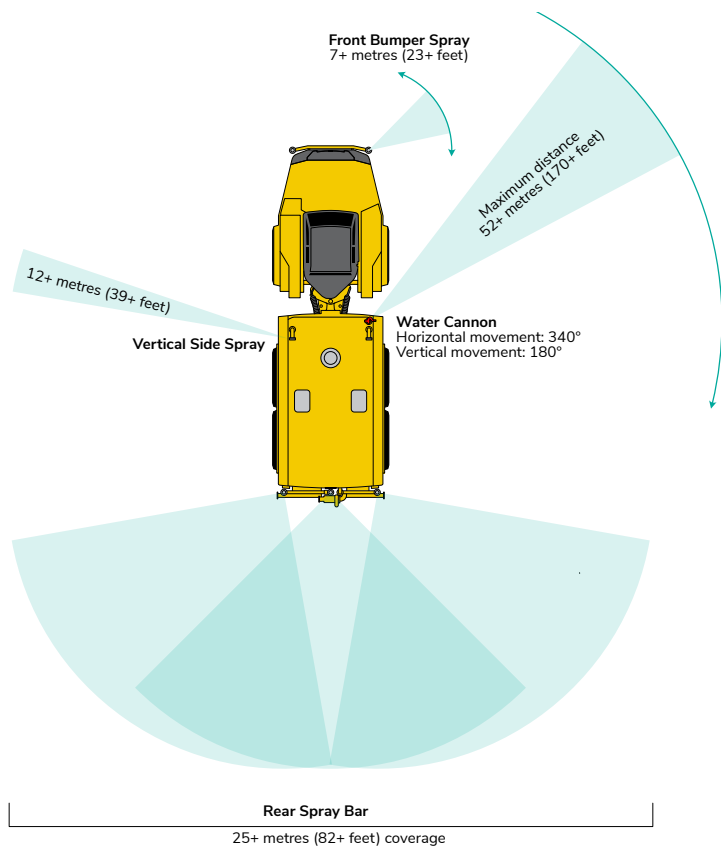
SPRAY CAPABILITIES

The onboard pressure gauge ensures you are always applying the right amount of water for every situation. Adjustable 340° horizontal and 180° vertical rotation stops allow you to customize your cannon's movement to the specific needs of your rig.

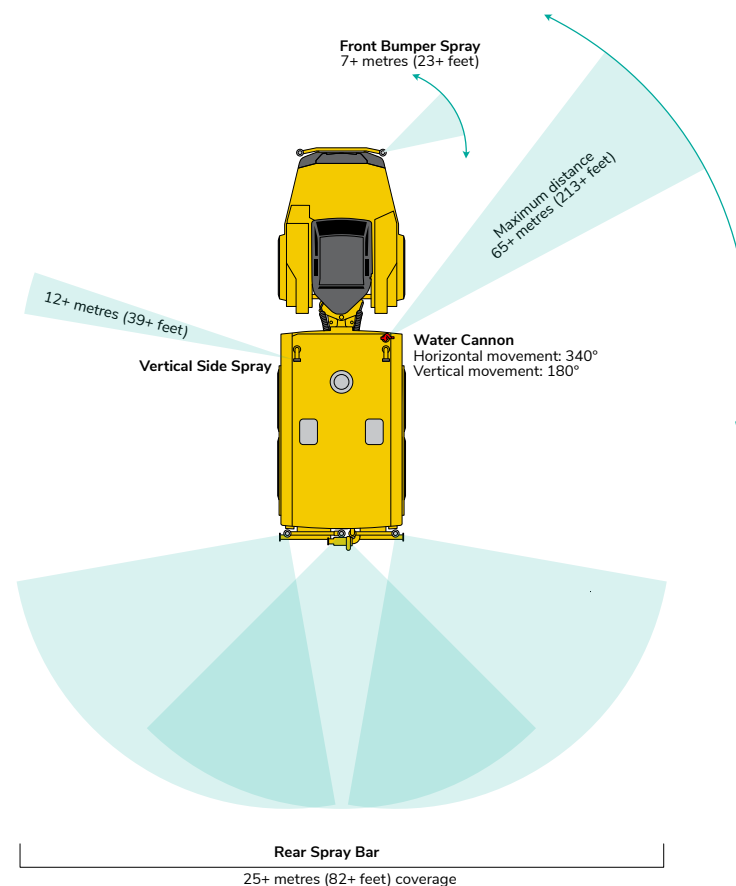
With a maximum distance of 65 meters and manually adjusted flow rates of 1200, 1800 and 2400 litres per minute (320, 480 & 630 GPM), you'll be able to douse any fire or soak any dust storm with ease.

The Hydex spray heads are fully adjustable in every possible way, from spray height, spray width and spray direction. The 1/4" and 3/8" adjustable opening allows you to tailor your spray coverage to keep in control of the flow rate.

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For more information on Hydex products and solutions, visit www.hydexus.com or
contact your local Hydex representative.

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