

Hydex[®]

Weight Measurement System





Weight measurement system

Available for all CAT® Articulated Dump Trucks, Hydex offers an optional weight measurement system. The system monitors the loading cycle in real time, so machine capacity can be fully utilised, while avoiding the dangers of overloading. The system also features a built-in inclinometer which prevents the machine tipping the truck body if the attitude of the rear chassis is too great. This is a highly desirable feature when ground conditions are particularly bad and the dangers of rolling are increased.

The in-cab display shows the machine operator the current weight within the truck body during the loading process, so they are able to ensure that the machine is loaded to the correct level. This improves productivity by ensuring that the machine is optimally loaded, while reducing the risks associated with overloading. The result is a safe and efficient haul.

The Hydex weight measurement system is also able to record the weights of each load so that the machine's usage over time can be monitored and recorded, ensuring that every load is right and the machine is working to its full potential. This information can either be stored on a special heavy duty USB key in the machine or sent over GPRS directly to the site controller, giving you live information as to how the machine is working.

This versatile system can also be used as a speed limiter, either to restrict the top speed of the machine all of the time, or only when the machine is fully or partially loaded



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Related Products



Water Tanks

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.



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.