

# Hydex

## 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.

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# Your Application : Our Solutions

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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See your Caterpillar dealer for standard and optional cab equipment.  
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