

Hydex[®]

Hydex BH40 Articulated Block Handler



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Hydex BH40 Articulated Block Handler The Hydex BH40 Block Handler has been specifically designed to transport mining blocks around the site easily and safely. Built around the CAT® 740B ADT chassis, the BH40 enables operators to carry single or multiple blocks with a maximum payload of 42 tonnes, thus maximising productivity.

By integrating into the main CAT® hoist circuit, operating the main hoist lever in the cab causes the two central block supports to open and close simultaneously through the use of four Caterpillar hydraulic cylinders which ensure easy steady movement. These cylinders are located safely within the machine frame to help prevent damage from blocks. The system enables operators to carry single or multiple smaller blocks yet still maintain optimum support when a single larger block is carried.

Both sets of supports move in unison to ensure that the centre of the load is correctly positioned over the centre and rear axles. A fixed frame option is also available for sites where block size is more consistent.

Features

Optional payload monitoring enables the operator to view very accurately how the truck is loaded to prevent overload and potential machine damage. With the use of the weight measurement system it is very simple to use the machine to carry multiple, similarly sized blocks without overloading the machine.

Each support beam is fitted with two three-metre long wooden beams which help to prevent movement of the block in transport, yet are easily replaceable as required.

Central frame guarding helps to protect the truck drivetrain and park brake from excessive dirt ingress and falling debris.

By using the standard rear tipping pins and fast removal of the front mounting points, the frame can be tipped easily in a workshop to perform general machine maintenance without the need to remove the complete frame or disconnect the hydraulic system.

Lashing points are available around the support beams, while two storage compartments are provided on the headboard.

Hydex's optional HyTrack TPMS system monitors the unit's tyre temperatures and pressures in real time helping to increase site safety, reduce fuel spend and increase tyre life through effective tyre maintenance. This system is available for installation on all mining trucks.

As with all Hydex machines the BH40 meets the requirements for CE marking where applicable, and of course is sold, fully serviced and supported by your local CAT® dealer.





Features

- 42 tonnes load capacity
- Capable of carrying multiple blocks
- Multiple lashing points
- Storage compartment for chains etc.
- Easy tipping for machine maintenance.



Options

- Fixed or hydraulically movable cross supports
- Weight measurement system
- HyTrack TPMS tyre monitoring system
- Selection of cross support materials available to suit application.

Other products in the Hydex Articulated Truck range include:



Coal Truck



Water Tank



High Capacity Tipper



Hook Lift



Service Truck



Container Carrier



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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.