

**Homologated
Truck**

Hydex

Based on the Cat® 730 Articulated Truck Cab Chassis



Homologation Specification Options

- New Narrow Body – Under 3000 mm
- Additional Lighting – Front, Side and Rear
- Hydraulic Rear Under Run Bumper
- Speed Control Limiter
- Bolt-On Side Boards
- New Narrow Scissor Tailgate

Engine Gross Power

242 kW 325 hp

Engine Net Power (ISO)

237 kW 317 hp

Engine Model

Cat® C11 ACERT™

Rated Payload

28.1 tonne 31 tons

The Hydex Homologated Truck is supplied by **Articulated Truck Solutions LLP**

Articulated Truck Solutions – Homologated Narrow Body Truck

The Homologated Narrow Truck from Articulated Truck Solutions is modified for road use based on your country's specific requirements. This conversion includes a new Hydrex narrow body with optional equipment also available.

Optional items include: scissor tailgate, bolt-on sideboards, offset wheel rims to allow for flotation tyres whilst ensuring the machine remains under 3000 mm in width, additional lighting (front side and rear), rear hydraulic under run bumper and speed limiter control.



Front Lights

- Side marker lights are placed at the highest position to show other road users the vehicle's width.
- Additional work lights include front and side repeater. All lighting is activated through the work light switch on the operator console.
- All lighting is EU approved.

Operator Controls

- The homologation system is automatically activated when the machine is started. A separate key switch located on the left hand side of the dashboard can be used to deactivate the system if it is not required.
- Additional warning lights are located in the main console to advise the operator on the status of the system.
- When the machine is started in homologation mode, the system limits the travel speed to 25 km/h laden – 40 km/h unladen.



These settings can be changed to suit your country's limits. If the homologation system is deactivated, the machine will travel at its standard factory setting.

Dump Body

- To meet road regulations, the homologated truck has a new Hydex narrow body installed. This can also be supplied as a heated body option. The width of the body without tailgate is 2822 mm with a capacity of 17.7 m³/23.1 yd³. The body has the option of a narrow scissor tailgate which uses Cat[®] proven design “box section” arms and bolt-on side extensions which can increase capacity to 19.9 m³/26 yd³.
- For homologation purposes, the tailgate also has reflective marker boards, maximum speed signage and LED rear beacons. When installed with scissor tailgate, the maximum width of the truck is 2998 mm.



Rear Lights

- Standard Cat[®] lighting remains on the chassis for rear, stop and turn. Additional lighting and reflectors are installed into the under run bumper.



Rear Hydraulic Bumper

- The rear bumper is mounted directly to the rear chassis casting. When the homologation system is active it automatically rests in the down position.
- The system is powered from the machine's hydraulic system through a Cat[®] hydraulic cylinder. During the tipping cycle, the bumper automatically rises before the dump body will tip, when the body is re-lowered the bumper returns to its down position.
- When the homologation system is not in use, the bumper remains in the upright position.



Fabrication and Components

- The Hydex narrow body and scissor tailgate are built using Hardox[®] material during the fabrication process.
- All hardware, lights, electrical connections and hydraulic fittings are Cat[®] components where possible.
- All trucks are supplied with a parts and service manual.

Your Application : Our Solutions

Articulated Truck Solutions – offering its range of Hydex products – is established to provide the Caterpillar® dealer network with high quality products and special application solutions which extends the standard factory range of ADT models.



Hydex

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Materials and specifications are subject to change without notice.

See your Caterpillar dealer for standard and optional cab equipment.

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