

**Cat Lift Trucks**  
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## **New Cat® 1.4-2.0 tonne 48V electrics: the automatic choice**

*Cat® Lift Trucks has described its new range of 1.4 to 2.0 tonne 48V electric counterbalance trucks as the automatic choice for agile performance in tight spaces. Compact, highly manoeuvrable, and packed with intelligent control systems, their behaviour automatically adapts to drivers' wishes and needs.*

### **Tuned in to the driver**

Using the latest electronic controllers and sensors, software and multiple algorithms, Cat EP14-20A(C)N(T) makes driving and load handling easier, steadier, safer and more comfortable. Drivers feel the machine is totally in tune with them, so they are happy, confident and highly productive.

Central to this driving experience is the Cat Responsive Drive System (RDS). Monitoring and instantly reacting to changes in the speed of pedal movement, RDS constantly adjusts performance parameters so all actions are smoothly controlled – including starts and stops.

### **Optimised steering**

Another system continually modifies steering response according to travel speed. When travelling fast, it avoids the need for constant correction by the driver. When manoeuvring slowly, turning becomes instant and effortless.

Advanced curve control enables drivers to achieve the fastest safe cornering speed in any situation. It also resists truck tilting and counterbalance 'snake-tailing' after high-speed turns.

Manoeuvrability is maximised by dual drive '4-wheel steering'. The truck can be driven sideways without having to push back first, thanks to a +100° rear turning axle. A 360° steering option allows trucks to turn and face the opposite direction (180°) without stopping.

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## **Intelligent hydraulics**

A load-sensing hydraulic system automatically adjusts for weight to maintain precise control. When fingertip controls are used for two or more hydraulic functions simultaneously, electronic compensation keeps all mast movements consistent.

Strong mast design and a low-friction side-shift combine with various control systems to reduce swaying, twisting and noise. Passive sway control keeps the automatic parking brake open during lifts, so mast sway energy can be absorbed by the chassis. Truck acceleration and hydraulic performance are automatically limited at lifts from 3.5 metres as standard, or as an option from about 2 metres, for steady, controlled handling.

## **Perfect positioning**

An unusually wide scope for seat and steering column adjustment assures a perfect driving position for every user. Together with high-vision design, it gives clear forward, downward and side views without having to lean.

Interesting ergonomic advances include a synchronisation system for the steering wheel knob. This automatically returns to the correct 8 o'clock position whenever the truck straightens up – even if the wheel has been forced beyond its end stop.

## **Application matching**

The range of 3 wheel (T) and 4-wheel models offers capacities of 1.4, 1.6, 1.8 and 2.0 tonnes, and a choice between compact (C) and standard chassis. A long list of optional features is available for specific applications.

Ideal for efficient handling in containers, lorries, drive-in racking and other cramped, fast-paced environments, the trucks are also built to stand up to harsh, wet, dirty or dusty conditions.

For further information on Cat® lift trucks, warehouse equipment and related services, please visit [www.catlifttruck.com](http://www.catlifttruck.com). See them in action via <https://www.catlifttruck.com/videos> and follow the news on [Facebook](#) and [Twitter](#).

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## **Contacts**

For more information, talk to your nearest [Cat lift trucks dealer](#) or contact:

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