

Cat Lift Trucks
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User experience guides design of cold store cabin on the Cat® Reach Trucks range

Having already placed operator needs at the centre of its NR-N2 reach truck design, the continuing focus on user experience at Cat® Lift Trucks has now produced an all-new optional cold store cabin.

A different look

Its designers say the new cabin looks, feels and works differently to any other in the market. The shape, structure and expanse of its glass panels give an immediate impression of all-round visibility. A special beam profile aids 360-degree viewing, while the curved door with maximized glass size offers extra operator space as well as unobstructed views.

The see-through roof, made from polycarbonate, can be fitted with a wiper if required. As well as protecting the operator from falling items, it serves as an emergency exit. A visibly extended steel bumper, attached to the chassis, gives extra door protection in the case of a collision.

A warm feeling

At the cabin's heart is a powerful and versatile 1,700W controlled-temperature heating system which, together with effective insulation, keeps the driver warm even in extreme conditions. It will do so at anything down to minus 35°C – a temperature much colder than that of a typical freezer.

It offers three different blower speeds, as well as an air circulation switch. Air vents are provided at both floor and window level, with a choice of five heater outlets allowing adjustment of blowing targets.

The door is well insulated to avoid any localised feeling of coldness, especially in the important elbow area, and a heated seat can be specified for even greater comfort. Apart from the roof panel, all of the windows feature electric heating.

A new way of working

The interior of the cabin, which looks and feels like a reach truck operator's office, is spacious, easy to access – via a low step – and well equipped. It is neatly covered with plastic trim to give an attractive finished appearance.

Operators are empowered by clear vision, an informative display and intuitive controls – including the latest adjustable armrest. Along with the many user-friendly advantages of the standard NR-N2 trucks, such as the Responsive Drive System (RDS), they enjoy additional insulation against vibrations.

As well as helping the operator to work more productively, the cold cabin's economic benefits include reduced energy consumption. While the cabin structure insulates effectively against the cold, its heater system makes use of heat 'lost' by the controllers to help warm up fresh air drawn from outside the cabin.

News

A cabin for every situation

The new cold cabin is available on all standard and heavy duty models in the 1.4 to 2.5 tonne NR-N2 range, except on Compact 'C' models. Battery selection is between 620, 775 and 930 Ah.

Aimed primarily at customers in food-related industries, the cold cabin can be adapted for particular applications through a wide range of further options including MODCS cold store modification of the truck itself. The cabin design will accommodate an intercom system and there is a convenient rack for installation of other accessories.

For further information on Cat® lift trucks and warehouse equipment, please visit www.catlifttruck.com. See them in action via [YouTube](#) and follow the news on [Facebook](#) and [Twitter](#).

Contacts

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