



## CASE STUDY: DALE BROTHERS UK



### DALE BROTHERS UK

Temperature-controlled transport company, Dale Brothers UK, has roots in the industry dating back to the 1930s. A third-generation family business based in Shropshire, it has been a Carrier Transicold customer since 2000. With a focus on a more sustainable future, the company has introduced its first Carrier Transicold Vector HE 19 MT (multi-temperature) refrigeration units, initially taking delivery of six new systems.

### THE CARRIER TRANSICOLD SOLUTION

Mounted to 13.6m Chereau trailers, the Vector HE 19 MTs replace older Carrier-cooled assets and will be joined by eight identical trailers over the course of the next 12 months.

The customer's first taste of Carrier Transicold equipment was with the purchase of some second-hand trailers. Suitably impressed by the performance and reliability of the Carrier refrigeration units, it has steadily introduced more Carrier systems into its 70-strong commercial vehicle fleet.

The move to the new Vector HE 19 MT was driven by the system's impressive sustainability credentials, and after hearing feedback from other operators.

A combination of Carrier Transicold's E-Drive™ all-electric technology and an all-new multi-speed engine design helps to considerably reduce fuel consumption when compared to the previous generation Vector 1950.

Expected to operate for eight to 10 years, the new trailers will transport a variety of fresh and frozen food products for customers across the UK and northern Europe, typically clocking up around 130,000 kilometres per year.

**“We specifically chose the new Vector HE 19 unit after hearing good things from our fellow logistics customers about how efficient they are.”**

Neyland Dale, Managing Director,  
Dale Brothers UK

### THE RESULTS

The Vector HE 19 MT features a fully hermetic scroll compressor and economiser, which provides a 40% increase in refrigeration capacity during pull-down while reducing the chance of refrigerant and CO2 escape by 50%.

These design features, combined with extended service cycles, means Dale Brothers can save up to 15% on maintenance costs, while also improving sustainability and reducing its carbon footprint. In addition, the system operates 3 dB(A) quieter than the legacy Vector 1950, which to the human ear equates to a 50% reduction in noise – something that is particularly important for the company’s urban operations.

“We specifically chose the new Vector HE 19 unit after hearing good things from our fellow logistics customers about how efficient they are,” said Neyland Dale, Managing Director, Dale Brothers UK. “With increased cooling capacity and better fuel efficiency, we will reduce our running costs while simultaneously reducing our carbon footprint.”

The new trailers have also been supplied with Carrier Transicold's advanced telematics package. The system's two-way wireless communication helps fleets manage their refrigerated assets through remote unit monitoring and control, alongside diagnostics and data management. The system allows Dale Brothers to demonstrate its effective management of the cold chain to customers.



Follow us



Carrier Transicold UK  
Willis Carrier House  
260 Cygnet Court  
Centre Park, Warrington  
Cheshire, WA1 1RR  
Tel: 01925 401200  
[www.carriertransicold.co.uk](http://www.carriertransicold.co.uk)