

Case Study



RENTAL SYSTEMS

Logistics -
Warehouse
Heating Hire
500 kW Heater Hire
Train Depot, Exeter



The challenge

Working conditions inside a major train depot and workshop in Exeter deteriorated during a prolonged cold snap, making life difficult for workers.

What did we do?

Carrier Rental Systems supplied and installed a high capacity oil-fired heating system on a temporary hire basis, to deliver warm ambient conditions within the depot and enable staff to continue working.

How did we do it?

Our sales manager for the Midlands and South of England designed a system with IDF heaters located outside the building (due to the movement of trains inside), with warm air from each heater conveyed by 600 mm temporary ducts into the workshop at medium level.

High level ducts were installed to extract and provide return air to reduce fuel usage and give a more consistent temperature in the area.

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Results

The three heating units were maintained on the site for around 26 weeks, during the period of low ambient conditions, enabling workers at the train depot and workshop to continue working, despite harsh conditions outside.

Commenting on the project, CRS director Marc White said: *"We have had many years' experience providing industrial heating using IDF heaters and hire Boilers connected to air handling units. This application was best suited to diesel heaters, connected with return air to lower the fuel consumption for the customer."*

Equipment	2 x CRS 200 IDF and 1 x 100 IDF Oil Fired Heaters, Fuel Tank & Ducting
End user	Train Depot and Workshop
Application	500 kW of heating for working area
Additional	Temperature Requirement +14°C

