

case study.

SECTOR: LOGISTICS, STEEL



Street

Street's 30-tonne overhead cranes are playing a crucial role at this high-capacity steel warehouse.

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Each double box-beam girder crane spans an exceptional 35m. Due to the high frequency of movements, Street VX hoists were also supplied. These were custom designed and built for the application enabling them to be used at the highest duty rating of M8.

The benefits:

Precise handling:

The VX hoists provide a true vertical lift enabling the product to be placed precisely while eliminating any sideways drag.

Easy maintenance:

The hoist's open frame design provides easy access to major components for servicing.

An external brake operating on the first gearbox shaft, away from the drive motor, remains cooler in use and is also more easily inspected and serviced.

Improved safety:

Approach alarms, flashing beacons and an anti-collision system maintain a one bay separation distance between the cranes.

Full length platforms on each crane ensure safe access for servicing.



The challenge

This multi-modal logistics provider, required heavy duty cranes to receive and despatch steel coils for automotive and construction plant manufacturers. The coils arrive at the site via train trucks which drive through the building where they are offloaded and stored in designated areas. They are then transferred to road vehicles as local manufacturers call off stock to meet their production needs. Handling up to 290,000 tonnes of steel a year, it was essential that the new cranes were very efficient, robust and easy to maintain to ensure that this high intensity site could operate as productively as possible.

The solution

Street supplied and installed four overhead cranes each of 30 tonnes capacity. The cranes are used to manage stock within a 36m wide single-bay building.

"We opted for Street equipment because of the superior performance of their cranes and hoists.

We were reassured in this view by the fact that many of our suppliers and customers, also use Street and they are a family-owned British company."

