



RAISING THE BAR



OXELÖSUNDS HAMN

CHALLENGE: Support metal coil handling requirements in tough port environment

SOLUTION: Hyster® lift trucks and ReachStackers equipped with Hyster Tracker wireless asset management for visibility, ergonomics and performance

RESULTS: Optimal efficiency reaching productivity targets, handling large metal loads in demanding duty cycle

// THE CHALLENGE

The Port of Oxelösund is a deep-water port in Sweden that benefits from an advantageous location and infrastructure, with a year-round lack of ice and direct rail and highway access to keep cargo moving in and out of the terminal. In addition to receiving large vessels and handling both liquid and dry bulk goods, Oxelösund hosts a dedicated steel port.

In order to capitalize on growing trade volumes, Oxelösunds Hamn, the port's operating company, sought a total, application-specific solution to drive productivity in their steel port. They turned to Hyster to help drive efficiency in their 200-employee operation.

Traditional coil handling can require a large number of very costly, dedicated-task machines and operators. At Oxelösund, metal coils arrive at the port by train and are unloaded with a crane, ready for a lift truck to pick up and move. When a ship comes in, the port's operators then transport the metal coils to the port cranes which load the coils onto the vessels.

The company needed custom-spec, heavy-duty equipment that would not only prove reliable in the tough portside conditions, but also deliver efficiency gains. To further protect productivity and guard against extended downtime, the operation sought parts and service availability that could quickly address any routine maintenance or repairs to keep business moving at full capacity.



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// THE SOLUTION

Oxelösunds Hamn found a strong partner in Hyster and their local dealer, Nordisk Truck-Trans. Together, they developed a comprehensive solution that includes a fleet of Hyster lift trucks, ReachStackers and Hyster Tracker fleet management, with the full backing of parts and service support.



EQUIPMENT SUMMARY

- 2 Hyster H700XD48 lift trucks
- 1 Hyster H450XDS36 lift truck
- 2 Hyster RS46-36XD ReachStackers
- Hyster Tracker wireless asset management system
- Camera system for operator visibility

To spec the right solution, Nordisk Truck-Trans took multiple site visits to understand the port's specific requirements and gather input directly from operators. They also arranged for Oxelösund representatives to visit other Hyster users and the nearest factory for a firsthand look at the lift trucks and ReachStackers to make sure they were the right fit for their specific application.

One of the challenges of handling the port's large metal loads is that they can impede the operator's forward and rear view, leading to operators assuming uncomfortable positions in an attempt to improve their line of sight. Hyster helped the port overcome this challenge by installing rear- and forward-facing cameras – both above and below the fork stand – on the lift trucks.

To drive even greater operational efficiency, the port implemented Hyster Tracker, a complete telemetry solution that uses equipment-mounted sensors to provide real-time monitoring and a wide range of functions for effective fleet management. The port can view truck location and how they are being driven, enabling analysis to identify potentially challenging traffic situations and determine more efficient travel paths.

The port also uses Hyster Tracker to help improve safety compliance. Operators must present their unique identification card for the system to confirm they are properly trained and licensed to operate the particular piece of equipment, whether lift trucks or ReachStackers. Daily pre-use checks, warnings for speed limit violations and impact detection also help improve operator accountability and adherence to safety protocols.

For maintenance support and a fast supply of spare parts, Oxelösunds Hamn trusts Hyster to help maximize their uptime.

"From start to finish in both practical and business matters, we are pleased with how we have been treated. I would definitely recommend others to drive Hyster," said Christian Vallin, production engineer at Oxelösunds Hamn.



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// THE RESULTS

Coil handling is no small task—new coils can be as large as 96,000 pounds and 96 inches wide. But the Port of Oxelösund is making lighter work of their heavy loads with Hyster trucks.

The port's operators give the rear- and forward-facing cameras rave reviews, reporting improved visibility that allows them to maneuver loads around the dock with greater ease, efficiency and precision. The trucks' operator-centric design and performance helps the operators stay comfortable and productive through their entire shift.


"What I like about the Hyster trucks is that they turn softly, they have brakes that brake securely, but not too much," one of the port's operators said. "I don't feel stiff when I step out of the machine or have neck pain or anything like that. They are ergonomic and quiet."

Despite the challenging application, the trucks deliver the combination of performance, ergonomics and visibility their operators need for maximum productivity. Hyster Tracker and comprehensive service and support help keep the operation moving at full steam. That's why Hyster stood out as the right choice for the port's demanding operations.



"We have machines that are reliable and strong. We found that Hyster had a solution to fix any problem, including a supply of spare parts. They provide the total solution that appealed to us."

CHRISTIAN VALLIN,
PRODUCTION ENGINEER, OXELÖSUNDS HAMN

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