

CESAB case study

ThyssenKrupp



Heavy duty performance for ThyssenKrupp

German multinational ThyssenKrupp is one of the world's largest steel producers with 670 companies worldwide. Its 44,000m² site in Wörth, Germany is responsible for cutting large aluminium coils into bespoke sizes and delivering these 'just-in-time' to customers all over Europe.

Opened in 2009, the Wörth site employs 130 people working 3 shifts around the clock at 11 production lines. Customized coils and paper sized pieces of aluminium are produced in line with customer demand, using Kanban, track and trace

and just-in-time principles. Each day 250 tonnes of aluminium are processed, equating to a total output of 60,000 tonnes every year.

The company receives aluminium coils weighing between 5 to 9 tonnes each, which are transferred to the production lines and then cut into pieces before being washed, oiled and customized packed, ready for loading onto lorries.

The demands on material handling equipment at the Wörth site are significant. Forklifts need to work 24 hours, five days

a week, loading and unloading weights of up to 8.5 tonnes and at heights of up to 7 metres. Safety and ergonomics are very important in this demanding environment, so visibility through the mast is essential.

The company had previous experience of using CESAB equipment as it has had a 4 tonne CESAB forklift since 1987, which is still fully functional after 25 years and with 35,000 hours on the clock.

For new material handling equipment, ThyssenKrupp wanted all new trucks to be from one manufacturer, which would



cesab-forklifts.eu

CESAB
another way

ThyssenKrupp



“ The trucks have proven themselves as robust and agile products, with very good visibility all round. It has proved that for transporting heavy coils, these electric trucks are the best economic alternative.”

Werner Betzler
Production manager

Fast battery change

Quick and easy battery changes benefit ThyssenKrupp's multi-shift operation, allowing for effortless turnaround at the end of each shift.

Accurate positioning

CESAB trucks have a fork positioning feature with side shifts that ensures precision handling of loads. With the touch of a button drivers can position the forks accurately into a pallet, which saves time, increases productivity and helps to prevent damage to loads.

Operator protection

The only modification requested by ThyssenKrupp was for both sides of the forklift cabin to have 'bodyguards' fitted. These allow operators to have increased protection and work more safely and productively.

All round reliability



Excellent service

enable any of the fleet to be quickly replaced if needed. They needed any maintenance issues to be quickly managed and drivers to be familiar with all the trucks on site.

After extensive research into different material handling options and feedback from forklift operators at Wörth, the company selected 11 electric CESAB trucks and purchased forklifts ranging from 2.0 to 8.5 tonnes, including CESAB B300s and B800s.

The high capacity, heavy duty CESAB B800 offers a lift capacity of up to 8.5

tonnes. ThyssenKrupp uses this 4-wheel electric forklift for extra productivity in its production areas and ensuring the extremely heavy aluminium coils are handled quickly, safely and easily.

“Service from our exclusive CESAB dealer Albert Wasmer GmbH is excellent. When we chose the trucks we needed to know that the CESAB engineer would be here in less than four hours if there was a breakdown and in case of emergencies, be with us straight away. The very few times we have had a problem, the technician has been on site straight away and resolved

issues very quickly.” Production manager Werner Betzler: “The performance and service from CESAB has given us great confidence and we look forward to working with them for many years to come.”

