



Roxtec on site

Flat cable seals for industrial cranes



Protection against steel dust

Roxtec sealing solutions prevent water and steel process dust from entering outdoor cabinets and indoor control room containers of the Konecranes lifting equipment at SSAB's steel works in Raabe, Finland.

The overhead traveling cranes must be operational at all times as they carry hot 25-ton steel slabs in a process resulting in 2.5 million tons per year. "We need good cable seals to avoid dust in the

electrical cabinets. The worst thing that can happen to us is a stop in the steel production," says Jarmo Manninen, responsible for crane maintenance and work planning at SSAB.

Roxtec seals maintain tightness and provide protection in hazardous locations.

roxtec.com/ssab-crane

“Roxtec is a good way to seal around flat cables.”

Jarmo Manninen, SSAB

Efficient for any flat cable

Roxtec has helped SSAB and Konecranes handle a tough and frequent sealing challenge by providing sealing modules also for flat cables of many different sizes.

Roxtec seals simplify maintenance logistics by reducing the need for spare parts.

“We do a lot of preventive maintenance work for safety,” says Jarmo Manninen.

Konecranes started using Roxtec’s area efficient seals instead of cable glands in the mid 90’s. Arto Vaaraniemi, leading electrical engineer of Konecranes, explains why the successful crane provider continues to specify Roxtec seals for all cranes. “Our customers want seals that are easy to install and that provide very good protection. When it comes to high IP ratings, Roxtec is the only seal we use.”



200



So many sizes of flat cable for cranes were covered by Roxtec sealing modules!

Why use Roxtec?

- Dust-tight
- Watertight
- Blast-proof
- Easy to use and maintain
- Solutions for round and flat cables

Project facts

Project description

Industrial cranes for the SSAB steel works in Raahel, Finland

Owner, design and construction

SSAB

Design and construction

Konecranes

Applications

Cables penetrating control room and cabinet structures, indoors and outdoors

Sealing requirements

- Dust-tight
- Watertight

Roxtec products

Roxtec S and GH transits including sealing modules for many different sizes of round cables as well as modules for flat cables

See more on roxtec.com/ssab-crane

Protecting life and assets

Roxtec is the world leader within flexible cable and pipe transits. Since the start in Sweden in 1990 we have grown successfully to cover all continents. Our passion is innovative sealing solutions, and our goal is to make our world a safer place.

- Extensive R&D resources and advanced test facilities
- Customers in more than 80 markets
- Inventor of Multidiameter™