



EGD 
TOTAL FRIENDLY MOVEMENT

 **Eklgreen[®] drive**
auxema-stemmann



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TOTAL FRIENDLY MOVEMENT

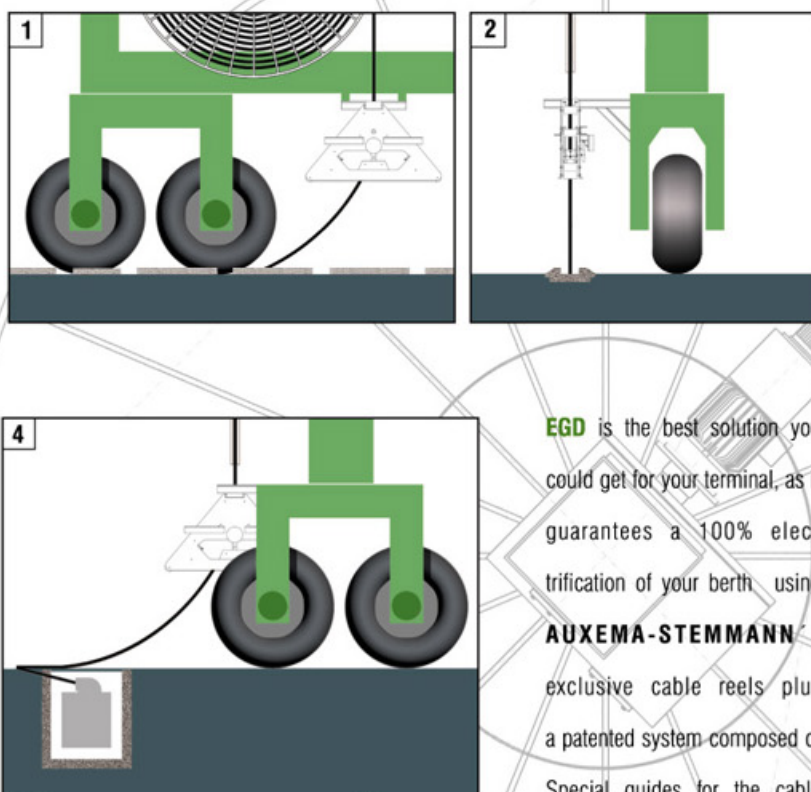
TOTAL FRIENDLY MOVEMENT

EKlgreen[®] drive

The Container Terminals are facing their most difficult challenge ever; becoming in an eco friendly agent. The growth of the global trade plus the concern of the climate change and the new enviromental legislation is pushing the ports all over the world to introduce changes in order to reduce greenhouse gas emissions and improve their efficiency.

The engineering team of **AUXEMA-STEMMANN** has now developed a system to help the terminals getting better results in one of today's main enviromental port problematic; the use of the **RTG's**. Looking at the point that these kind of cranes are the most popular ones, and that the Pollution they produce represents a big percentage of the total of the

emissions of the ports; the improvement, not only in the manufacturing of the new ones but also in the already existing ones, is an imperative. With that purpose we are pleased to present you **EKlgreen[®] drive (EGD)** our special solution for the electrification of the **RTG**.



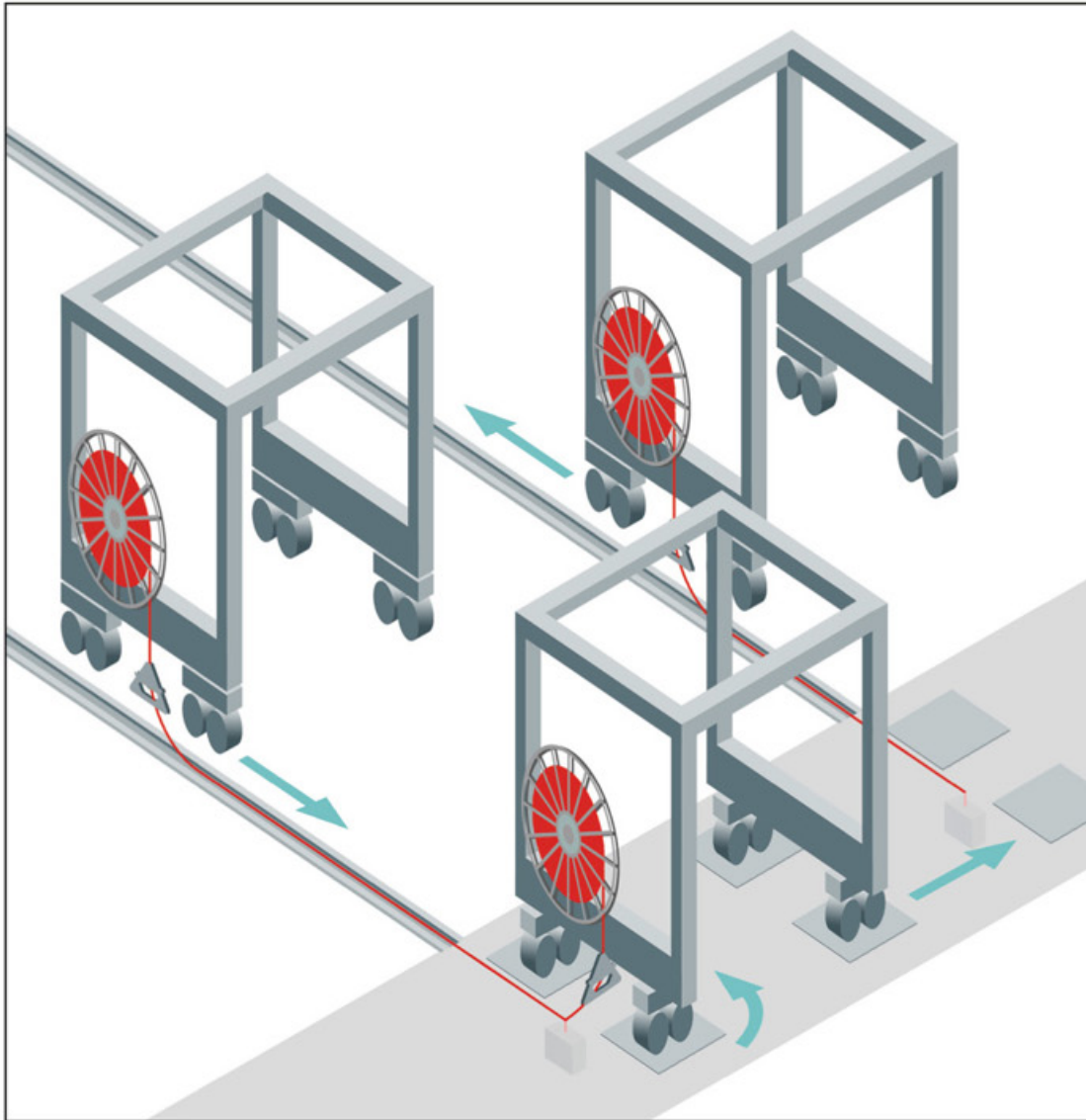
EGD is the best solution you could get for your terminal, as it guarantees a 100% electrification of your berth using **AUXEMA-STEMMANN's** exclusive cable reels plus a patented system composed of Special guides for the cable

and a protection system for the cable, without making modifications in the streets of the yard. It is already proved that powering the **RTG's** electrically from the harbour increases the results of the port, enviromentally and economically.

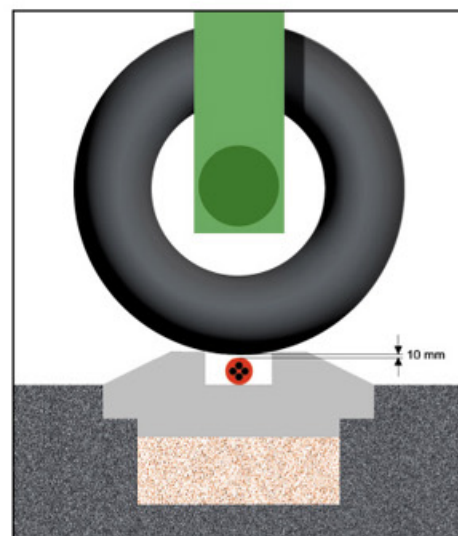
Now you do have the opportunity of flowing your terminal with a total friendly movement, without introducing many modifications which will allow you keeping your activities standars as higher as possible.

EGD





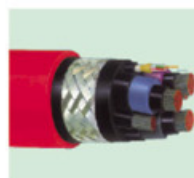
EGD provides the best alternative for the electrification of the **RTG**'s. The cranes are equipped with **AUXEMA-STEMMANN** cable reels, and a guide designed specifically for this kind of executions. This system allows the crane to travel all the way and changing the street without turning on the diesel engine, because the guide adapts the cable to the different positions of the **RTG**; allowing the reeling of the cable all the time and making possible a 100% electrification. The cable is protected by a new **CABLE PROTECTION SYSTEM**, with which the cranes will pass all over it avoiding damages. This system avoids bigger modifications in the dock, saving costs and time for the terminal. All the engineering and execution of the **EGD** is been designed and patented by **AUXEMA-STEMMANN**.





YOUR CHOICE FOR THE ELECTRICAL FEEDING

EKlgreen® drive is just the last development of **AUXEMA-STEMMANN**, who is been a reference in the field of the electrical feeding for more than 40 years. You can also find a huge furnishing program, in which you will find the most popular choices used in the port facilities for the electrification of the equipments, such as cable reels, festoon systems, rails, plugs and sockets... beacuse every customer is different for us, our engineering team is always ready to help you finding a solution for your problem in a creative way. All the equipments are tested before delivery and self-done in our factory with high quality materials, always looking to stay during generations manteining optimus results.



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Auxema-Stemmann Española, S.A.

Apartado 34, 48100 **Mungia** / Bizkaia (Spain)

tel. (+34) 946 740 362 / fax. + (34) 946 744 859

e-mail: auxema@auxema-stemmann.com / www.auxema-stemmann.com