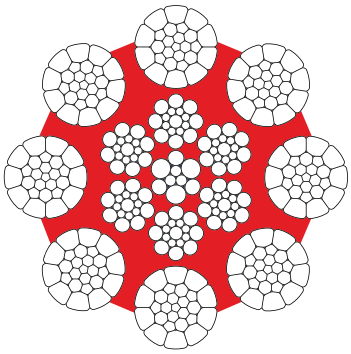
The length of the ropes must also be precisely coordinated to prevent tilting. The supplied ropes have a Flemish eye with a solid thimble while the other end is seized. For those who are not familiar with the term "Flemish eye": In this context, it is a spliced rope loop, which is also secured with a steel ferrule. Such an end connection attains a high level of effectiveness and can withstand high temperatures up to 400°C. The length of the rope is defined from the end of the rope to the centre of the thimble bore. Here the assembly of CASAR can show all its class and experience and bring qualities like dimensional tolerance and expertise to bear in terms of end connections. We wish Odense Steel Shipyard safe and accident-free operations with their "Goliath".



Oliveira HD 8 K PPI on the New Unparalleled Sarens Crane

True to its company motto "NOTHING TOO HEAVY, NOTHING TOO HIGH", the Belgian company Sarens presented the brand new Sarens SGC-140 (Sarens Giant Crane – 140) in mid-October. Of course, as the manufacturer of the special wire ropes used in the new crane we simply had to be there and our salesman in charge Peter van der Voorde attended the ceremonies. The SGC-140 is not only the group's largest crane but also one of the largest transportable cranes in the world – a so-called ring crane, which rotates on a slewing ring with a 44 m diameter.

The other technical specifications are also extremely impressive. The SGC-140 has a lifting capacity of 3200 t and is capable of hoisting 2820 t up to 50 m away from the crane. The crane has 3 different boom configurations of 89 m, 118 m and 130 m and has 4 jib configurations: 40.5 m, 64.1 m, 87.7 m and 99.5 m. 40 containers filled with sand and weighing up to 4000 t in total provide the counterweight. The assembly of this giant takes 6 weeks and it takes 150 lorries to transport the components. The core component of the new crane is the so-called machinery deck, which can hold four hoisting winches and the two luffing jib winches made by Zollern. There is also space for two additional spare winches. For a crane like this, no risk whatsoever has been taken in the selection of the individual components and a reliable partner has also been selected for the ropes. The 4

hoisting winches are each equipped with 1300 m Oliveira HD8K PPI Ø 50 mm and this rope is also used for the jib adjustment – even with lengths of 2100 m each. In this case, the maximum tensile rope strength is 600 kN.

So although these are two very different rope applications – hoist ropes and boom hoisting ropes – the exact same rope type is used. Once again, this demonstrates the versatility of Oliveira HD 8 K PPI, a compacted, 8-strand rope construction with a polymer-coated steel core.

Incidentally, this giant is used for the installation of massive structures such as gas-fired power stations or in the petroleum industry. As soon as the tests in the port of Gent are successfully concluded, the crane will be used for a period of around 3 years in Kazakhstan. Once there, the crane will move modules with a weight of up to 2500 t in a radius of 50 m for a project on the Caspian Sea – an application that can showcase all the strengths of this crane.

Successful Trade Fair Presence at China Coal in Beijing

The biennial trade fair in Beijing is the leading event in China when it comes to coal mining. WireCo has already been active in China for many years and was recently able to significantly increase its rope deliveries for open-cast and underground mining. The opportunity to meet sales and cooperation partners at the trade fair was particularly important in order to discuss current projects and to launch new activities. In a country as large as China, with contacts spread over such a large geographic area, a trade fair such as this is the perfect chance to speak with customers, project partners, institutes and employees of the mining authority. Frank Gäb, Sales Director Mining, was very satisfied with the results and we will be back in 2019.