

# world of rope

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## Seite 2

CUSTOMER JASO PLEASED WITH CASAR DOUBLEFIT



Dear Newsletter Readers,

Innovation and progress are essential components of our traditional company. One example is the successful introduction of the rotation-free special hoisting rope CASAR DOUBLEFIT. This success story is currently continuing in the rotating tower crane of another OEM based in Spain. At CASAR we continuously work together as a team to optimise our internal production processes in order to permanently increase product quality. Your satisfaction as a customer always comes first. Yet another important investment is our new warehouse, which will significantly improve the short-term availability for ropes from WireCo. You can find out more about these interesting activities while reading our current newsletter.

Yours sincerely

*Andreas Schweiss*

SVP Global Cranes

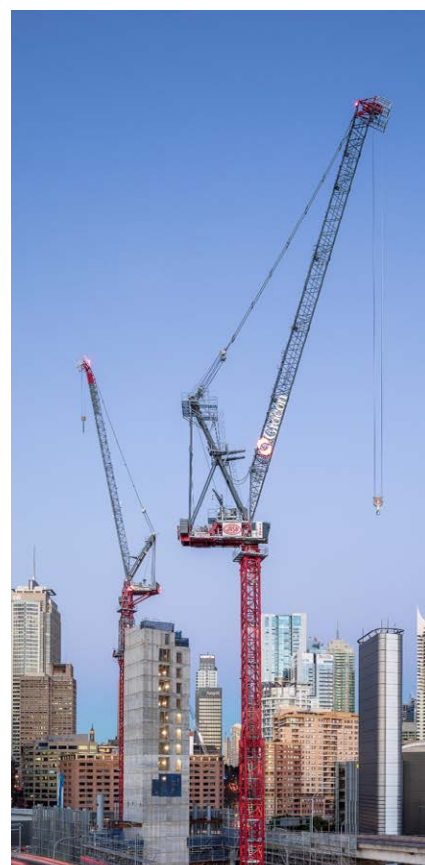
## Seite 3

REBUILDING MEASURES IN LIMBACH SHORTLY BEFORE COMPLETION

## JASO swears on swaged ropes from CASAR

Six years have now passed since CASAR introduced the new CASAR Doublefit at BAUMA 2013. Now, six years and two Munich based BAUMA's later, it is about time to draw a conclusion - and this is overwhelmingly positive. Of course, CASAR Doublefit is not the rope for "the masses". It is a very special and also very complex rope design that can only show its full potential if it is really called for and correctly used. This mainly includes lifting applications with large line pulls and high axial cross pressure. Thus, the CASAR Doublefit has proven itself as the hoist rope on the Manitowoc MLC 650 crawler cranes over the last few years. Even a well-known Chinese crane manufacturer has successfully used CASAR Doublefit for several years on several large pieces of equipment.

These special rope properties were probably being considered by the Spanish crane manufacturer JASO in 2017 when it was decided to outfit the J780PA, a luffing jib tower crane, with the CASAR Doublefit as the hoist rope. This is the largest luffing jib crane that JASO makes which, amongst other things, participated in the construction of "The Ribbon" in Sydney. This is a prestigious building in the Darling Harbour area which will fundamentally change the Sydney skyline. The technical requirements for the ropes were a real challenge: We had to meet the specified



The J780PA in action at the "The Ribbon" construction site in Sydney

nominal diameter of the rope. At the same time a 10 to 15% higher breaking force compared to common compacted hoist ropes in strength class 2160 N/mm<sup>2</sup> was required. In addition, the rope should be as crushing resistant as possible and demonstrate excellent spooling with multi-layered spooling.

JASO also did not compromise with boom adjustment ropes and relies on the quality of swaged special wire ropes "Made in Germany". Here, CASAR Parafit was installed.

As our swaged CASAR special wire ropes combine many great properties they were the optimal rope selection for JASO. According to Mr. Bosko Mujika, R&D Manager at JASO Tower Cranes: "We at

JASO are more than satisfied with the performance and the benefits that CASAR ropes provide for us. We would like to clarify that we will continue to use CASAR Doublefit and CASAR Parafit on our tower cranes, that are designed for these ropes.

The special technical features that we would like to mention are the swaged surface that ensures optimal spooling, the high rotation

resistance, and the long and safe lifespan. We would particularly like to highlight the impressive breaking strength. For us, the brand name CASAR is synonymous with experience and quality in the rope world. Mr. Mujika has no doubts that JASO will also work with CASAR for future developments."



the JASO J780PA. CASAR Doublefit is used as the hoist cable, CASAR Parafit is used as the boom adjustment cable.

#### ABOUT JASO AND THE J780PA:

Jaso Tower Cranes is a Spanish manufacturer of various types of tower cranes. The company was founded in 1975 and since then has established itself firmly in the world of lifting technology. Jaso is committed to the development and building of efficient cranes and considers itself as a solution provider for its customers. They are represented in more than 70 countries on

five continents, and have a massive distribution network around the world. In order to service demanding construction projects such as "The Ribbon" in Sydney, rotating tower cranes that could handle large loads in the tightest spaces were required. For this reason JASO, in collaboration with Titan Cranes, developed the J780PA, which is considered one of the largest electric cranes on the market. There are two versions of the tower crane, the first with

a maximum capacity of 75 tons, a reach of 70 metres, and a 220 Kw engine. The second model, the J780PA.64, can lift up to 64 tons. In total, there are 11 different luffing jib crane models made by JASO, with reaches between 40 and 70m and payloads between 5 and 75t.

# Rebuilding measures in Limbach shortly before completion

**W**e have already informed you about the ongoing expansions of storage capacities at the CASAR location in Limbach in our March edition. At that time, the conversion measures should have been completed by the middle of the year. About time for World of Rope to talk to the responsible project manager Karsten Minnig again.

**wor:** Mr. Minnig, how is the expansion of the storage capacities in the site progressing?

**Karsten Minnig:** I have to say that a lot has happened in the last few weeks and months. Even though in the last edition only the bottom plate of the new hall was visible, the steel framework had been completed by the end of April. The side parts and the roof were completely mounted by mid-May. By the end of May, we actually had the first rope reel in the new warehouse and the heavy load shelving from the warehouse in Gouda had been delivered. They were assembled by the end of June and the floor thresholds, in order to prevent the reel from

rolling away, were installed at the same time. With the completion of the asphalt-ing around the new location at the beginning of July we are on the home stretch and can safely assume that the project will be completed by the end of the month.

**wor:** How does the new warehouse fit into the logistical concept of WireCo?

**Karsten Minnig:** Because of the new warehouse we can stock large quantities of CASAR and Oliveira ropes here on site. After the closing of the WCC (editor's note: WireCo Crane Centre) in Gouda large quantities of ropes were transported to Limbach, which had exhausted our past storage capacities, and partly had to be stored temporarily in the plant. Now we finally have the required space to store all ropes and to create urgently required open spaces. The warehouse is only used for storage, i.e., no assembly services are performed in it. These will be performed as usual in Fabrication department. The new warehouse has three gates on three sides, 2 x 7 m wide, 1 x 4 m wide. Thanks to the surrounding asphalt-ing it is easily accessible from all sides and can be approached directly with the truck.

It is connected to the CASAR plant via an asphalt underpass, which is also wide enough for trucks.

**wor:** What other effects will the closing of the WCC have on the WireCo Limbach site?

**Karsten Minnig:** Well, firstly the work increases, especially in Fabrication department, simply because it transports more reels and more cables must be pre-assembled. This means a personnel increase in this site was necessary. Our forklift fleet has also been supplemented by a large 16t forklift and a small 5t forklift from Gouda. Two new presses, a 1200t and a 600t press, are available to our assembly team to handle the increasing number of pressings. So you can see that a lot is happening at the site.

**wor:** Thank you, Mr. Minnig

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**RESPONSIBLE:**

CHRISTIAN SCHORR-GOLSONG

**CONTACT:**

CASAR DRAHTSEILWERK SAAR GMBH

CASARSTRASSE 1 · D-66459 KIRKEL

TELEFON: +49 6841 8091-0

E-MAIL: INFO.CASAR@WIRECOWORLDGROUP.COM

INTERNET: WWW.CASAR.DE

