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**Photo** Foto**:** Franziska Brielbeck

**Location** Ort**:** *Straubing, DE*

**Date** Datum**:** *Jul-21*

**Precast concrete assembly with the 120 t telescopic crawler crane: Construction of a new logistics hall in Straubing, Germany**

**MSG Krandienst GmbH from Kehl in Baden is a supra-regional crane service provider that, in addition to crane rental, also specializes in heavy transport and the organization of related project logistics. Not far from SENNEBOGEN's plant 2 in Straubing, the crane rental company is now making its 120 t 6113 E telescopic crawler crane available for the construction of a logistics center, providing the perfect tool for use in precast concrete assembly.**

The shell for the approximately 9,500 m² hall is to be completed within just six weeks. To ensure this, MSG wants to offer its customer a particularly reliable crane for hire and is relying on the 6113 E from SENNEBOGEN, which, with its continuously telescoping Full Power Boom and 120 t lifting capacity, is perfectly made for construction sites like this. The construction company, having the crane in its own fleet for years, knows the advantages of this flexible telescopic crane for precast assembly.

**Precast concrete assembly - the prime discipline for the 120 t telescopic crawler crane**The individual precast concrete elements of the construction weigh up to 20 t – not a big challenge for the SENEBOGEN 6113 E. The concrete elements are lifted from the transport rack, brought to their intended place on the hall façade in pick and carry operation and positioned there safely and precisely so that the fitters can connect the walls to the already existing structure. Thanks to its ability to move and telescope under load, the crane offers precisely the flexibility needed for such assembly work. Thus, both floors of the hall can be effortlessly assembled with the 40.2 m long main boom.

The project planner of MSG Krandienst GmbH, Christian Spreuer, who is in charge of the rental of the telescopic crane, is also satisfied with the performance of the machine: "The combination of high lifting capacity and all-terrain mobility makes the SENNEBOGEN 6113 E telescopic crawler crane ideal for precast concrete assembly. The crawler undercarriage means that the crane is always very flexible and at the same time stable, especially in pick and carry operations. Every lift can be completed safely and quickly."

**Captions:**

Image 1: *The SENNEBOGEN 6113 E proves to be an ideal pick and carry crane and moves the precast concrete elements weighing up to 20 t directly to their intended location.*

Image 2: *With a maximum lifting capacity of 120 t and the continuously telescoping Full Power Boom, precise positioning of even the heaviest precast parts is child's play.*