





WORLD OF INDUSTRIES 04/2018



Weightlifting on the Nile – Technology from Stahl Cranesystems stands the test in the Egyptian heat

Up to 140 tons heavy and up to 40 meters long: the prefabricated concrete parts made by the Egyptian manufacturer ECPC Company are real heavyweights. On top of this come heat and dust – none of which are a problem for the proven technology from Stahl Cranesystems, which does not even work up a sweat in the face of such extreme conditions.

The population of Egypt has been growing for decades – by about two million people a year. One of the many challenges this has led to is increasing the growing population growth. Although more and more people are using the roads to also bring the number of private cars increased from 2.5 to 3.5 million from 2008 to 2013. On top of this, a large part of freight is transported by road. Egypt is therefore investing heavily in infrastructure projects such as the metro lines in Cairo and the Nile and Suez Canal waterways.

LOGISTICS



01 In June 2017 the first and complete lift of the gantry crane was carried out in Egypt.

02 The first partial crane parts are a total of 10 wheel blocks, eight frequency converter and eight drive motors for the lift.

03 As a sign of the success of the project, the gantry crane was lifted without any safety measures of the lift.

Prefabricated concrete parts are often used to construct the roads and railways. These parts are produced in a concrete factory and are transported to the construction site. In the case of the gantry crane, the concrete parts are transported to the construction site by road and then lifted by the gantry crane. The concrete parts are transported to the construction site by road and then lifted by the gantry crane. The concrete parts are transported to the construction site by road and then lifted by the gantry crane.

From Künzelsau to Egypt:

The progress and installation of International Crane Factory systems were manufactured in March 2017. The lift and installation of the gantry crane was carried out in Egypt in June 2017. International Crane Factory and Stahl Cranesystems have already installed two double girder gantry cranes with a lifting capacity of 19 tons each in July 2017. Each crane is equipped with an AS7 wheel block in each corner and a frequency converter. As the gantry crane is lifted in its own weight, the gantry crane is lifted in its own weight. The gantry crane is lifted in its own weight. The gantry crane is lifted in its own weight.

All components are designed for ambient temperatures up to +45 °C and without the need for special maintenance up to 100,000 hours. The gantry crane is lifted in its own weight. The gantry crane is lifted in its own weight. The gantry crane is lifted in its own weight.

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起重项目在尼罗河的精彩演绎 来自STAHL CraneSystems的起重技术在埃及的设备运输中表现出色

被提升物品重达140吨，长达40米；埃及制造而EPC公司生产的预制混凝土是真正的重量级产品。混凝土表面的热量和尘埃—这样的极端条件对 STAHL CraneSystems 的成熟技术甚至可以说是轻而易举的。

埃及人口数十年来一直在增长，每年大约有两百万人口，人口快速增长对国家带来的众多挑战之一就是克服交通量的增长。尽管越来越多的车辆和铁路作为交通工具，但交通量也在不断上升：2016年至2017年，私家车的数量增加了2.2个百分点。此外，大部分的 交通是通过公路进行。因此，埃及大力投资基础设施项目，例如在全国范围内扩建道路，铁路和地铁以及建造开罗、亚历山大和苏伊士运河的地铁线路。



LOGISTICS



- 01 起重机和起重附件在2017年4月开始从埃国运往开罗。
- 02 两门式起重系统共有42个提升附件，为总重量达80吨的预制件。
- 03 用于运输的起重系统可以沿不同的方向移动，因此可以根据不同的条件进行调整，并可以精确定位。

预制混凝土附件通常用于桥梁和隧道，这些附件在预制混凝土的制造过程中。EPC公司及其子公司Maxim al-Bachy von Ranshofen & Laubach是主要的混凝土制造商，为埃及埃及和开罗的许多基础设施项目提供了一个配套附件。这些附件是用于扩展工厂，由工厂，确保了项目的成功。

从K. Q. al-Nasr到埃及

国际起重机的工程和技术人员于2017年3月开始前往埃及，并于2017年4月开始安装和调试STAHL CraneSystems工厂。国际起重机的工厂在2017年3月开始安装和调试。国际起重机的工厂在2017年3月开始安装和调试。国际起重机的工厂在2017年3月开始安装和调试。国际起重机的工厂在2017年3月开始安装和调试。

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