

12.2023

## Press release

### ***KOCKS RSB® 370++/4 in 5.0 design for Changzhou Dongfang Special Steel Co. Ltd.*** **Changzhou Dongfang Special Steel Co. Ltd. chooses KOCKS RSB® as the core technology for their SBQ bar mill line**

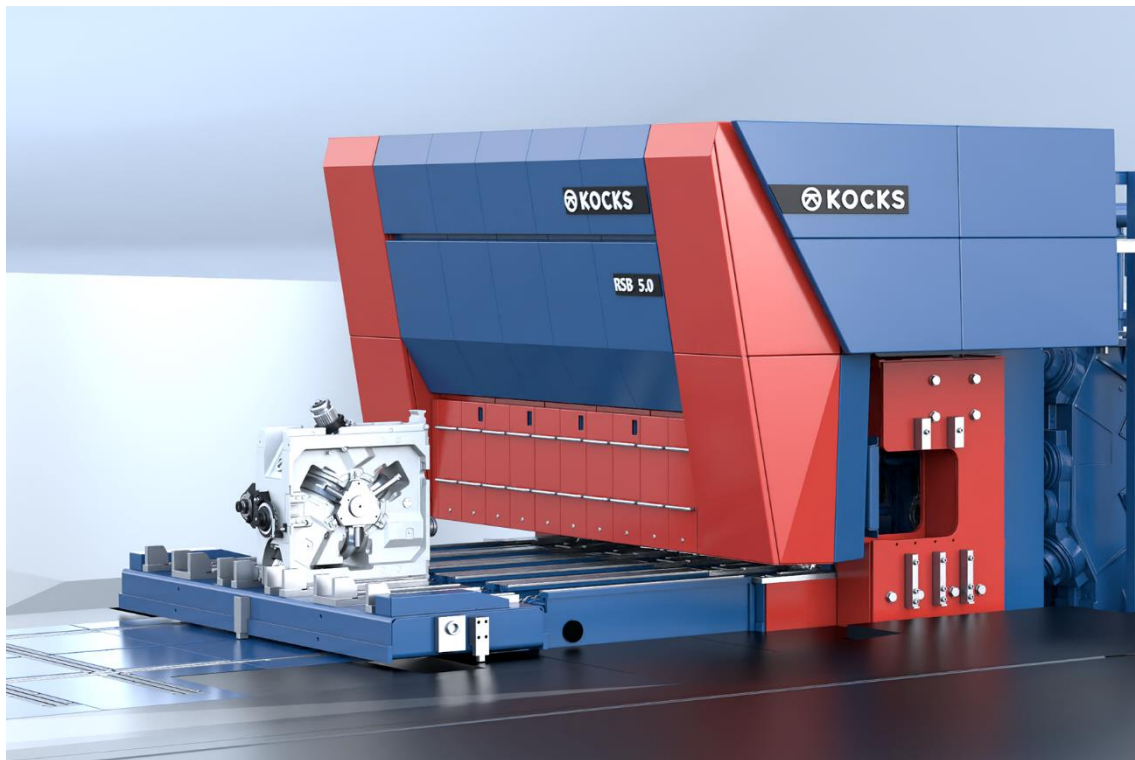
**The Chinese special steel producer, Changzhou Dongfang Special Steel Co. Ltd., has signed a contract with Friedrich KOCKS GmbH & Co. KG for the supply of a RSB® 370++/4 in 5.0 design. The Reducing & Sizing Block will be installed in the company's special bar quality rolling mill in Changzhou, China.**

Changzhou Dongfang Special Steel produces 3 million metric tons of different long products annually. The portfolio comprises alloyed carbon steels, spring steels, ball bearing steels, high-pressure boiler tube steels, and gear steels among others. The focus is on SBQ products for demanding processing industries. In the city of Changzhou, the steel producer operates currently three mill lines – one mill line for producing steel profiles and two mill lines for producing steel bars with diameters between 20 mm and 150 mm.

The proven 3-roll technology from KOCKS is the key to maximum flexibility and productivity of the production process in the brand new 800,000 t/a SBQ rolling mill after 21 stands in H/V arrangement. In the small bar mill line, the RSB® 370++/4 has been designed according to the individual requirements of Changzhou Dongfang Special Steel in order to produce straight bars in a finished size range from Ø 20.00 to 80.00 mm with the tightest dimensional tolerance.

The scope of supply further includes the remote control for stand and guide adjustments, the equipment for the roll shop, and the hardware and software for the further advanced BAMICON Octopus that assists operators in the stand and guide preparation and supports the entire tooling process. The commissioning of the new small bar mill line including the RSB® 5.0 with the further advanced design is scheduled for the end of 2024.

**Image Caption:** The RSB® 370<sup>++</sup>/4 will be part of Changzhou Dongfang Special Steel Co. Ltd. new SBQ small bar mill line in Changzhou, Jiangsu province, China.



### **KOCKS Group:**

*The KOCKS Group, headquartered in Germany, is a global supplier of rolling mill equipment for sizing applications. Founded in 1946, KOCKS has become a globally recognized brand. The KOCKS 3-roll technology has gained the company a reputation as an innovator. The core competencies include consulting, planning, development, design, supply, assembly and commissioning of rolling mills and automation solutions as well as modification and modernization of existing rolling mills.*