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CRANE

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KRAN

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Abstract (en)
[origin: WO2014166579A1] The present invention relates to a crane, particularly a tower crane, with at least one lattice jib, comprising a plurality of longitudinal beams which are connected to each other by transverse and/or diagonal struts, wherein at least one of the longitudinal beams has a beam cross section that varies over the length of the beam and/or different beam cross sections in different lattice bays. According to the invention, the at least one longitudinal beam, which has a beam cross section that varies over the length of the beam and/or different beam cross sections in different lattice bays, has weld-free transitions between beam sections of different beam cross sections. At least two beam sections of different cross section are produced from a single piece with homogeneous material and free from any joining seam, wherein said longitudinal beam can particularly be manufactured from steel, or a steel profile, or a steel semifinished product.

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