



1 Foundry – Above-average demands: continuous operation, heat, dirt and loads up to 20,000 kg. The crane was equipped with a load display for even greater safety and productivity.

2 Storage and retrieval machine in concrete manufacturing – This custom-built design moves stacks of concrete up to 50,000 kg in weight with four synchronised R. STAHL hoists.



3 Ship outfitting – This double girder overhead travelling crane with 40,000 kg S.W.L. can be used even in rough seas thanks to its special equipment geared to marine use.



4 Material handling – A custom-built crane with slewing gear and a capacity of 10,000 kg is used in crane manufacture. Two load hooks lift the completed crane and rotate it by 90° for loading onto a lorry. The crane driver controls all motions by radio from a safe distance.



5 Railway construction – The three special cranes have room to move in the huge production building, 52 m x 85 m, and can be operated synchronously from a single radio remote control if required.



6 Motor industry – Here double girder overhead travelling cranes with extensive equipment for safe working with heavy loads are in use. Lighter loads are moved quickly with a fast hoist, heavy and bulky loads are lifted by a slow-moving wire rope hoist. The stepless control of the drives and the maintenance platform along the crane bridge are particularly convenient.

Custom-built cranes

Practical experience

R. STAHL enjoys every customer-specific challenge. Only when your individual solution needs to be planned, from a single hoist to custom-built cranes to computer-controlled automation, do we really have to extend ourselves. Then all our flexibility and dynamism are brought to bear. The highly motivated, experienced engineers and technicians at R. STAHL combine their comprehensive know-how with your specifications and ideas. Economical standard components from the whole range of products are used as well as economically optimised off-standard components and automation components from our *STAHLtronic* range. With your input, in a constructive process a solution is achieved that is practical, individual and precisely adapted to your application.

Competent

Numerous examples both in Germany and abroad prove R. STAHL's competence in the field of custom-built solutions. These projects are described in detail in separate reference leaflets. Just ask for them at www.stahl.de.

- › **High-performance** _ Experience and know-how from more than 70 years of crane manufacture and centralised production
- › **Innovative** _ Continuing development of the hoists and crane components
- › **Individual** _ Customer-specific system solutions
- › **Partnership** _ Joint planning in consultation with our customers
- › **Safe** _ Top quality ensured by certified processes
- › **Consistent** _ Statics and engineering to the latest DIN and EN standards

type		max. S.W.L.	max. span	hoist
single girder suspension crane	EH-A	10t	20m	chain hoist up to 5t wire rope hoist up to 10t
	EH-B	10t	20m	
single girder overhead travelling crane	EL-A	16t	30m	chain hoist up to 5t wire rope hoist up to 16t
	EL-B	16t	30m	
	EL-C	10t	23m	
double girder overhead travelling crane	ZL-A	160t	30m	wire rope hoist