



INTELLIGENT CONCEPTS TO LIFT AND MOVE HEAVY LOADS

TRACK CONSTRUCTION CRANES



EXPERIENCE THE JOY OF CONSTRUCTION



LIFT AND MOVE HEAVY LOADS

TRACK CONSTRUCTION CRANES



**24 HOURS A DAY, WORLDWIDE –
USE OUR COMPETENCE.**

Innovative machine technology has always been a trademark of LEONHARD WEISS. Due to our own development efforts we have high-performance track construction cranes.

Not technology alone determines the efficiency but the way in which it is implemented. The success of each work site requires a customised solution in which the interaction between man and machine is of essence.

For this very reason our crew is committed entirely to the proper planning and work site preparation. Innovative solutions are required especially for the heavy lift work sites encountered when lifting entire bridges or high speed switches.

As we develop our own work methods and technologies, we are able to guarantee a just-in-time delivery without complications.

YOUR BENEFITS

- 1 INDIVIDUAL SOLUTIONS**
With new ideas and comprehensive knowledge we develop suitable procedures and individual solutions for every project.
- 2 PROFESSIONAL CONSULTING**
We show you which procedures are possible and what's best for you. Our aim is to share our success with you.

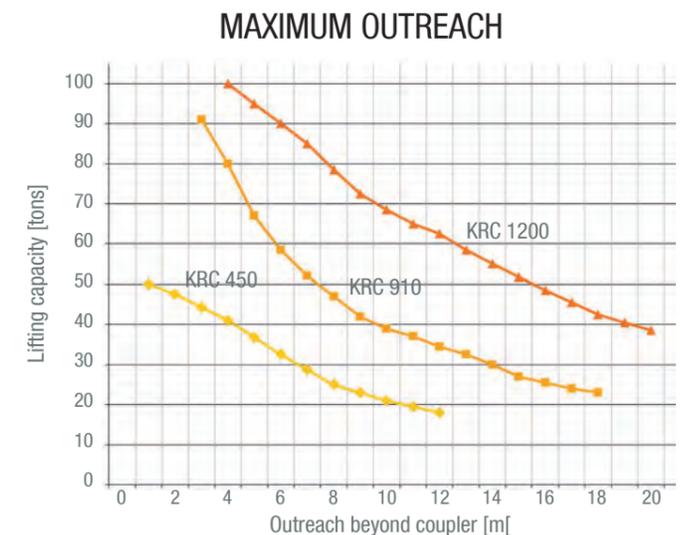
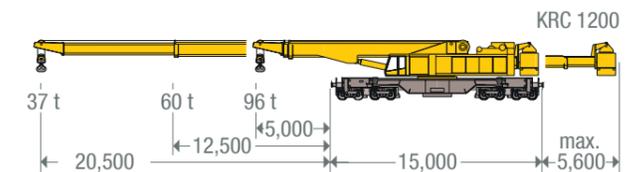
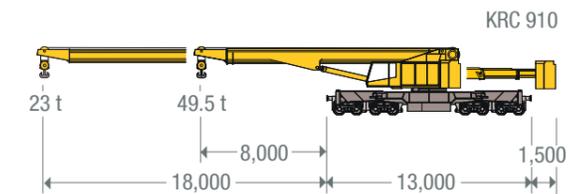
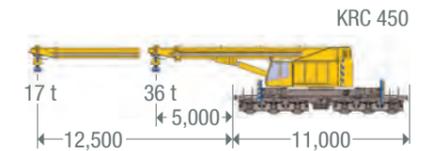
- 3 EFFICIENT SITE PREPARATION**
We are experienced in challenging lifts and leave nothing to chance.
- 4 RELIABLE EXECUTION**
Processes which are closely coordinated with each other and our qualified staff serve as a basis for smooth progression on the construction site.



Laying of switches UIC 60-2500 Copenhagen to Ringsted

TECHNICAL DATA

Crane type	KRC 450	KRC 910	KRC 1200
Weight	110 t	104 t	128 t
Maximum axle load in transport mode	18 t	13 t	16 t
Track classification	CS 04	C 03	CS 04
Length over coupler	11,000 mm	13,000 mm	15,000 mm
Vehicle weight/length	10 t/m	8 t/m	8.5 t/m
Height in relation to top of rail during transport	4,280 mm	4,250 mm	4,280 mm
Number of axles	6	8	8
Speed			
- self propelled - on work site	19 km/h	19 km/h	19 km/h
- in train - transport mode	100 km/h	100 km/h	120 km/h
Maximum outreach beyond coupler	12.5 m	18 m	20.5 m
Maximum load at maximum outreach	17 t	23 t	37 t
Maximum lifting hook height (hook block - top of rail)	15.5 m	20 m	22.5 m
Slewing range	+/- 360°	+/- 360°	+/- 360°
Superelevation compensation up to	160 mm	160 mm	160 mm
Minimum curve radius	80 m	80 m	80 m





LEONHARD WEISS
CONSTRUCTION COMPANY

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