



TRACK CONSTRUCTION CRANES

Intelligent concepts
to lift and move heavy loads.



LEONHARD WEISS
CONSTRUCTION COMPANY



Installation of a temporary bridge within the working clearance diagram.

Innovative machine technology has always been a trademark of LEONHARD WEISS. For this reason and combined with our own development efforts we are proud to operate two of the largest track construction cranes in the world.

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 the 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.

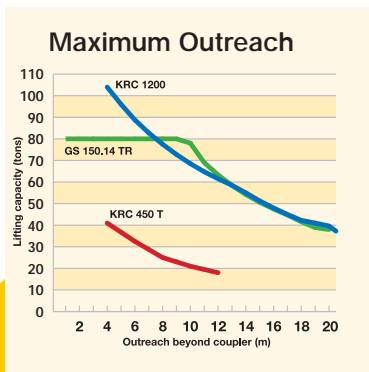


Installation of precast concrete parts within the working clearance diagram.

We take the responsibility for all your lifts.

24 hours a day, worldwide –
use our competence.

Installation of a turnout.





Installation of a high speed turnout.



Tandem lift to install a 120 t steel bridge.



Recovery of a derailed loco.

We can lift and carry s&c panels, track panels as well as temporary bridges with our 150 t cranes.

Turnout type	tongue panel	middle panel	frog panel	end panel	lifts
190 1:7.5	[Diagram showing one panel]				1 piece 39.0 t
300 1:9	[Diagram showing two panels]			[Diagram showing one panel]	2 piece 53.1 t
500 1:12	[Diagram showing two panels]		[Diagram showing two panels]		2 piece 72.4 t
760 1:14	[Diagram showing one panel]	[Diagram showing two panels]		[Diagram showing one panel]	3 piece 84.0 t
1,200 1:18.5	[Diagram showing one panel]	[Diagram showing one panel]	[Diagram showing one panel]	[Diagram showing one panel]	4 piece 105.8 t
2,500 1:26.5	[Diagram showing one panel]	[Diagram showing one panel]	[Diagram showing one panel]	[Diagram showing one panel]	5 piece 134.8 t

All other switches are handled with tandem lifting technology

Panels: Up to 40 meters max. single stack, up to 30 meters max. double stack

Temporary bridges: All types from the DB up to max 64 tons and a span of 24.5 meters

We offer:

Individual solutions

Because we offer customised solutions for each work site.

Professional consultation

Because we are interested in a mutual success.

Efficient site preparation

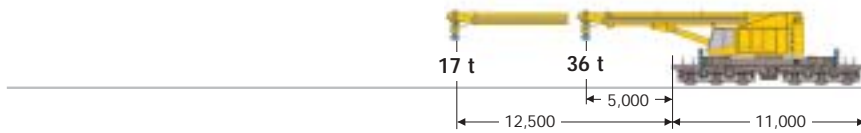
Because we are experienced in challenging lifts and leave nothing to chance.

Reliable execution

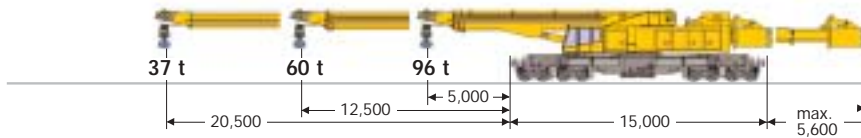
Because we know our business.

Track construction cranes: technical data

Crane Type	KRC 450 T	KRC 1200	GS 150.14 TR
Weight:	110 t	126 t	213.5 t
Maximum axle load in transport mode:	18.5 t	16 t	18 t
Track classification:	CS 04	CS 04	CS 07
Length over coupler:	11,000 mm	15,000 mm	28,200 mm
Vehicle weight/length:	10 t/m	8.4 t/m	7.6 t/m
Height in relation to top of rail during transport:	4,250 mm	4,280 mm	4,250 mm
Number of axles:	6	8	12
Wheelbase:	1,500 mm	1,100 mm	1,200 mm
	1,500 mm	1,200 mm	1,500 mm
	-	1,100 mm	1,200 mm
	-	-	1,350 mm
	-	-	1,200 mm
Speed	- self propelled - en route:	-	-
	- self propelled - on work site:	19 km/h	19 km/h
	- in train-transport mode:	120 km/h	120 km/h
Maximum outreach beyond coupler:	12.5 m	20.5 m	20 m
Maximum load at maximum outreach:	17 t	37 t	38 t
Maximum outrigger height:	16 m	23 m	10 m
Slewing range:	+/- 360°	+/- 360°	+/- 10°
Superelevation compensation up to:	160 mm	160 mm	160 mm
Minimum curve radius:	80 m	80 m	80 m



KRC 450 T



KRC 1200



GS 150.14 TR



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Please do not hesitate
to contact us.

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