LIGHT CRANE SYSTEMS
MONORAIL HOIST TRACK

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The KITO ERIKKILA MONORAIL HOIST TRACK is a versatile solution for moving and lifting loads up to 1.5 tonne.

SAFE & ERGONOMIC EASY TO ASSEMBLE

Monorails are suitable for production lines where products must be moved long distances. With curves, turntables and track switches, the system can be tailored to meet even the most challenging needs.

FEATURES

- For designing the optimal lifting range, hoist tracks are compatible with turn tables and switches
- Complies with the European light crane standard EN 16851
- Installation with full range of standard suspensions
- Surface and color options of the steel profiles can be adjusted according to customers' requirements
- Can be equipped with different types of hoists, for example, electric chain hoist, manual, pneumatic or vacuum operated lifting devices
- Designed for indoor operation with ambient temperatures between 0 °C and 50 °C





STRAIGHT MONORAIL

A versatile and economical solution in aluminium or steel for moving and lifting loads to 1500 kg. Straight monorail hoist track can be equipped with internal conductor rail.

CURVED MONORAIL

Hoist tracks up to 1250 kg capacity can be equipped with curves. The curves can be freely connected with each other with joint connections. Curved monorails can also be equipped with internal conductor rail.

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TECHNICAL DATA

Information subject to change without notice



ALUMINIUM HOIST TRACK

RC KG	EAP2105			EAP3140			EAP4180			EAP5220		
	TMAX MM	IMAX MM	FMAX kN	TMAX MM	IMAX MM	FMAX kN	TMAX MM	IMAX MM	FMAX kN	TMAX MM	IMAX MM	FMAX kN
30	5050	2520	0.9	7200	2400	1.2	8000	4000	1.5	8000	4000	1.6
50	4500	2250	1	6550	2180	1.4	8000	2660	1.7	8000	4000	1.8
80	3850	1920	1.3	5850	1460	1.6	7850	1960	2	8000	2660	2.1
125	3250	1080	1.8	5000	1250	2	6850	1370	2.3	8000	1600	2.6
250	2450	610	2.9	3850	640	3.1	5450	900	3.4	6800	970	3.7
320	2150	430	3.7	3450	570	3.9	4850	690	4.1	6100	870	4.4
500	-	-	-	2850	350	5.5	4050	500	5.7	5150	570	5.9
630	-	-	-	2500	310	6.9	3600	400	7.1	4600	510	7.3
1000	-	-	-	2000	180	10.7	2850	250	10.9	3700	300	11



STEEL HOIST TRACK

RC KG	P125			P200			P260		
	TMAX MM	IMAX MM	FMAX kN	TMAX MM	IMAX MM	FMAX kN	TMAX MM	IMAX MM	FMAX kN
30	7900	3950	1.3	8000	4000	2.3	8000	4000	2.7
50	7250	3620	1.5	8000	4000	2.5	8000	4000	2.9
80	6500	3250	1.7	8000	4000	2.8	8000	4000	3.2
125	5600	2800	2.1	8000	4000	3.3	8000	4000	3.7
250	4350	1450	3.2	8000	4000	4.5	8000	4000	4.9
320	-	-	-	7750	3870	5.3	8000	4000	5.7
500	-	-	-	6650	2210	6.7	8000	2660	7.4
630	-	-	-	6000	2000	8.0	8000	2000	8.8
1000	-	-	-	4250	1060	11.5	6700	1340	12.4
1250	-	-	-	3400	850	14.2	5350	1070	14.9
1500	-	-	-	2850	950	16.5	4600	1150	17.1

CURVES (ONLY FOR STEEL HOIST TRACKS)			
PROFILE	ANGLE	RADIUS MM	LOADING KG
125	15	700	125
125	30	700	125
125	45	700	125
200	15	1500	1250
200	30	1500	1250
200	45	1500	1250

Curves only available for steel profiles P125 & P200

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