



EASY TO ASSEMBLE
SAFE AND ERGONOMIC TO USE

PROSYSTEM MONORAIL HOIST TRACKS

FEATURES

For designing the optimal lifting range, hoist tracks are compatible with PROSYSTEM turn tables and switches

Complies with the European light crane standard EN 16851

Installation with full range of PROSYSTEM standard suspensions

Surface and colour 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 AHEAD

Versatile and economical solution for moving and lifting loads up to 1,500 kg. You can choose your straight monorail crane track in aluminium or in steel.

Monorail hoist track can be equipped with internal conductor rail for powered movements.

Curves also can be equipped with internal conductor rail.



WITH CURVES

Hoist tracks up to 1,250 kg capacity can be equipped with curves. The curves can be freely connected with each other with joint connections. Curves are available only in steel.

PROSYSTEM ALUMINIUM HOIST TRACK



	EAP2105			EAP3140			EAP4180			EAP5220		
RC (kg)	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

RC, rated capacity

Tmax, maximum allowed suspension distance for the specific combination of RC and profile

Imax, maximum distance from profile joint to the nearest suspension point

Fmax, maximum vertical support reaction of suspension



PROSYSTEM STEEL HOIST TRACK

	P125			P200			P260		
RC (kg)	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)			
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 are available only for steel profiles P125 and P200.

PROSYSTEM light crane system includes various types of standard suspensions to mount the crane to the ceiling construction. The articulation ensures light and ergonomic usage of the system.



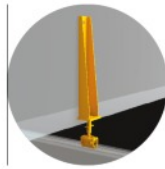
I-GIRDER SUSPENSION



CEILING SUSPENSION



CONCRETE BEAM SUSPENSION



SIDE SUSPENSION

FREESTANDING SUPPORT FRAMES

A freestanding light crane system can be installed in locations where the ceiling construction cannot carry the crane load.



Lifting Devices

A comprehensive range of lifting devices are available for use with the PROSYSTEM Monorail hoist track

