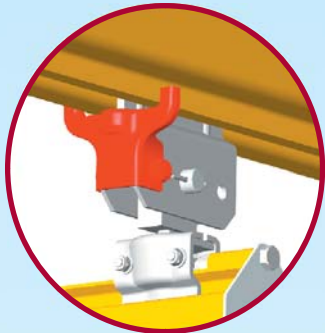
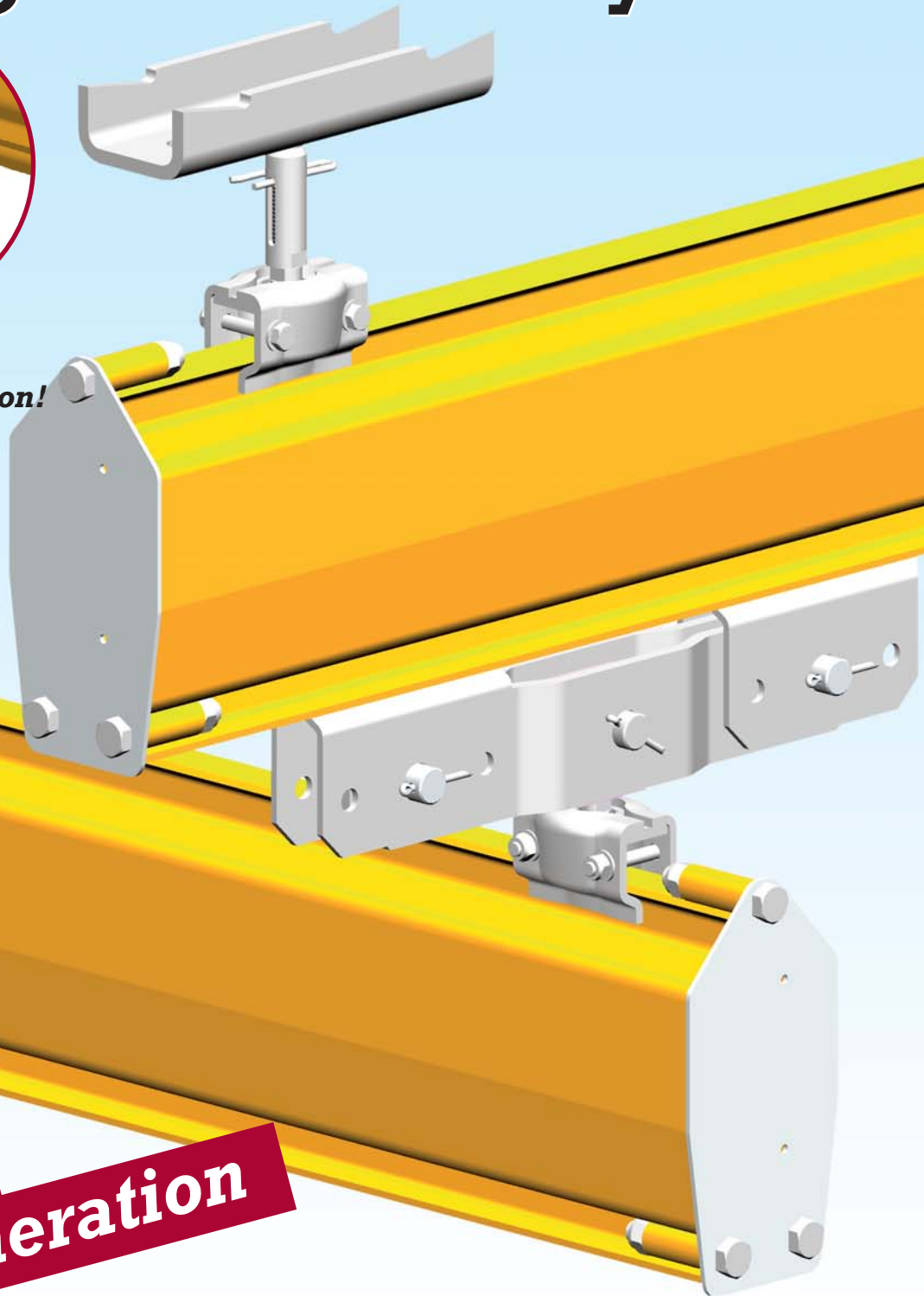


PROSYSTEM®

Light Crane System



***New:
Patented
overload protection!***



**New
Generation**

PROSYSTEM® Light Crane System

Best weight/strength ratio

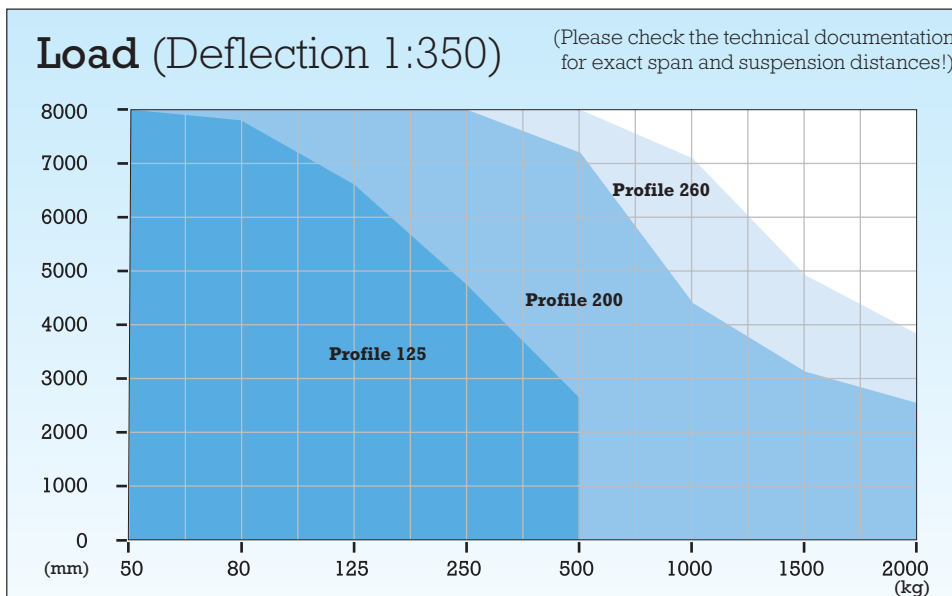
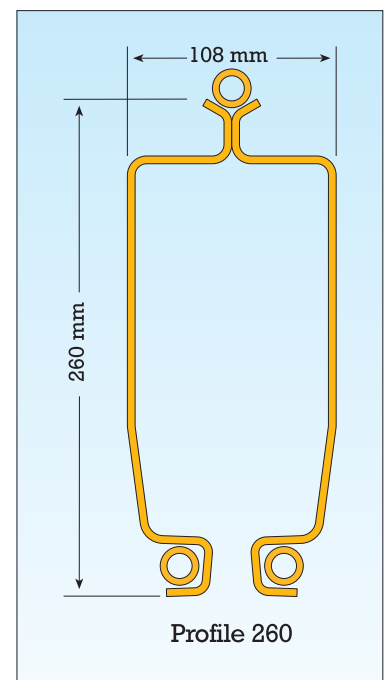
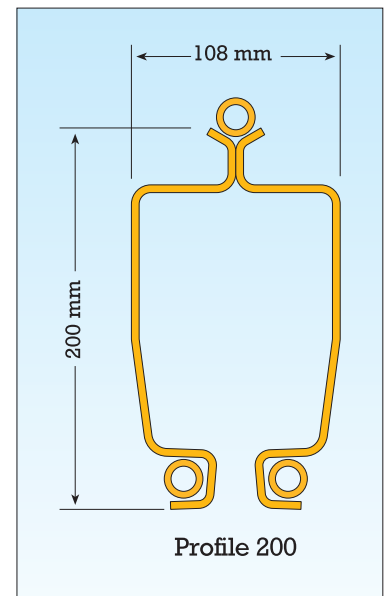
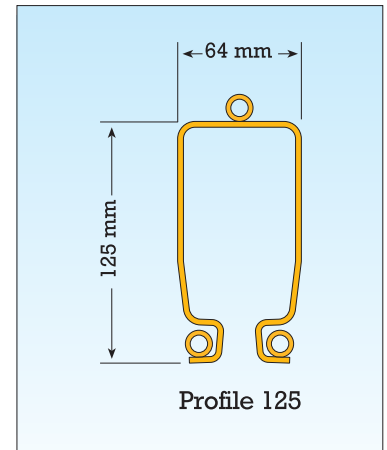
– **light to use and ergonomic.**

Personal crane – **improves productivity.**

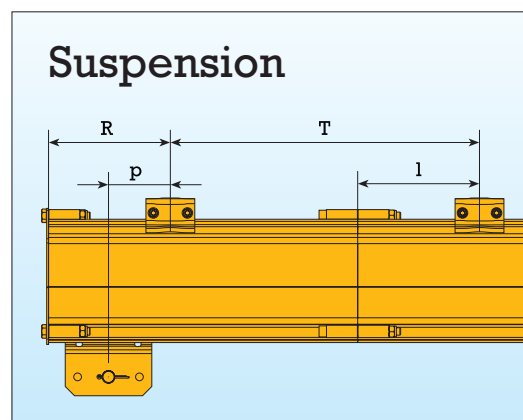
Closed construction – not exposed to dust – **durable.**

Bolted connections – **easy to install and adapt to changing needs.**

Standardised components – **competitively priced.**



PROSYSTEM® light crane system is based on a steel profile construction with three profile sizes of 125, 200 and 260, and it covers a load range up to 2000 kg. The system comprises of hoist tracks, and single and double girder cranes. Single and double girder cranes can be delivered in standard or raised type. The cranes can be mounted with standard suspensions to the building or to the free-standing steel frame standing on the floor. Because the system is modular it can be modified to suit individual requirements.



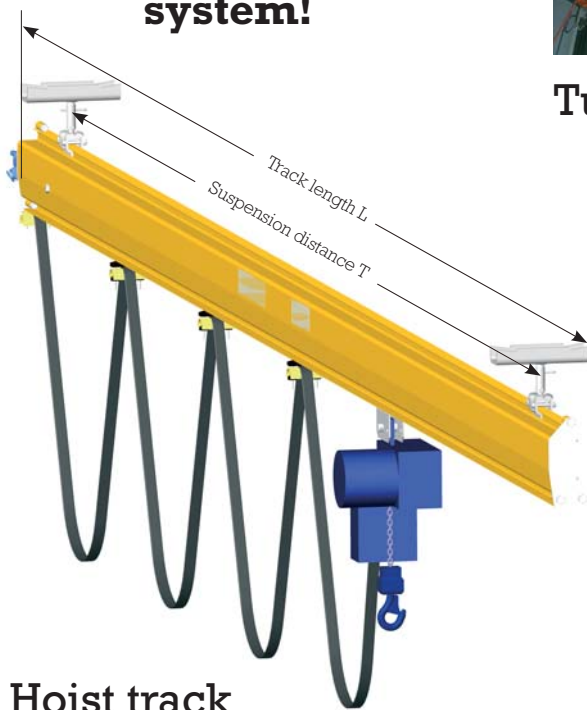
Profile	R min mm	p max mm	l		Weight kg/m	Wx cm³	Ix cm⁴
			min mm	max mm			
125	100	200	100	T	8,2	30	192
200	150	300	100	5	18,0	93	913
260	150	300	100		21,8	149	1918

PROSYSTEM® Hoist Track

For a truly ergonomic way to achieve productivity, choose PROSYSTEM® light crane system!

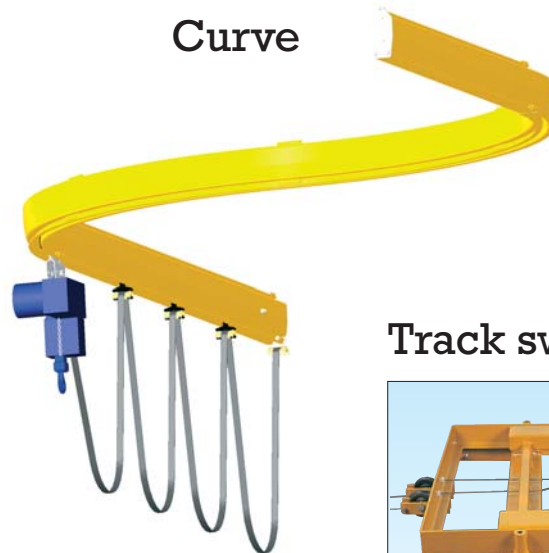


Turntable



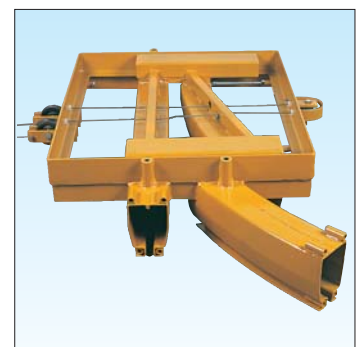
Hoist track

PROSYSTEM® hoist track is a convenient way to solve local lifting and transportation problems. It is a versatile solution to enhance productivity and safety in any production place. As the hoist track is functional and efficient it can be reconfigured to adapt to changing conditions. PROSYSTEM® hoist track is designed for easy assembly. Custom parts can be also supplied to suit individual requirements.

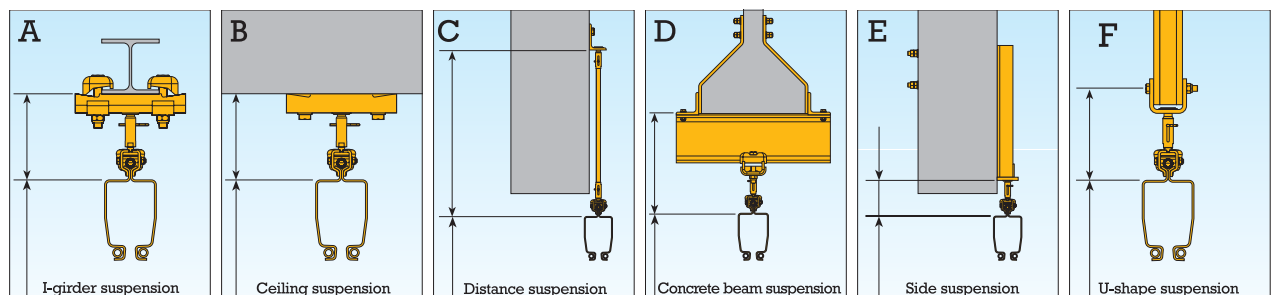


Curve

Track switch



Mounting



Profile type	Suspension type, distance [mm]					
	A	B	C	D	E	F
125	103...133	103...133	<500	203...233	48...78	108...138
200/260	128...160	128...160	<500	228...260	84...116	140...172

PROSYSTEM® Single and Double Girder Crane

Patented trolley is nearly silent – **quality for the working environment.**

Suitable for a wide range of applications and easily modified

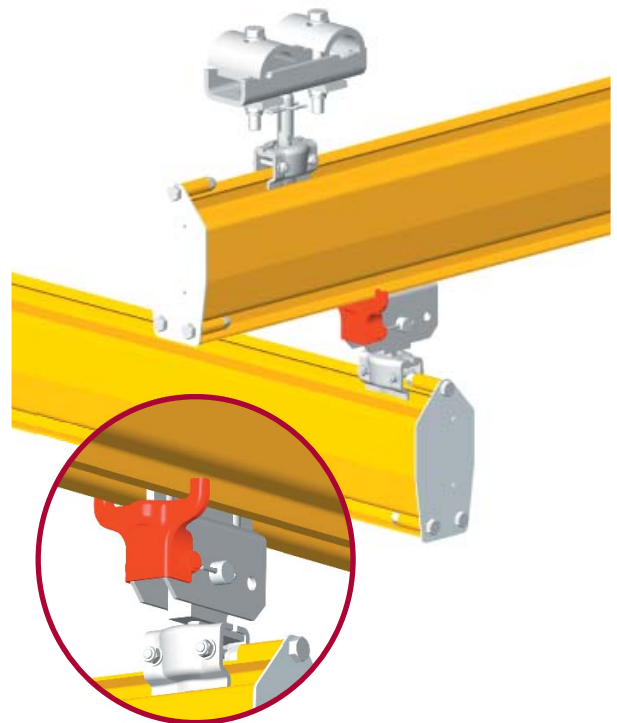
– **economical and efficient.**

Impact resistant powder coating – **no need for patch painting.**

Rolling resistance only approx. 1 % of the moved load – **ergonomic.**

Standardised kit construction – **minimal planning.**

Overload protection - **the safest light crane system.**



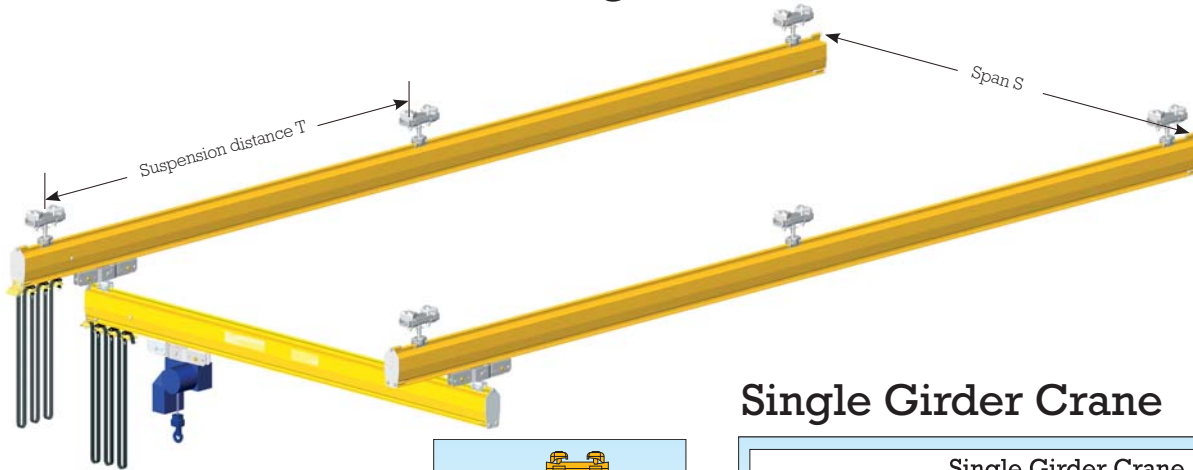
**Available also
with an unique
and patented
overload protection!**

An overhead light crane system is the best solution for workstation lifting tasks due to its extensive coverage and user friendliness. Swinging of the load is minimized because the trolley centralizes itself automatically to the right lifting position. By choosing an overhead light crane solution a significant amount of extra performance can be achieved, for example, to assembly-, production- and maintenance-work. Combinations of different profiles are available to suit individual lifting requirements.

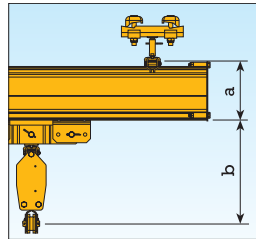
The most cost effective crane solution is the single girder crane. In a double girder crane the hoist is suspended from

a hoist saddle located between the bridge profiles. With this configuration the lifting height is greater than the height achieved with a single girder crane. Also the load capacity is doubled. In some cases the raised single or double girder crane, in which the bridge profiles are raised up between the tracks, is the right choice especially when the lifting height has to be maximised. Standard bridge profiles are delivered in full meters between 1 and 8 meters powder painted to yellow RAL 1007. Special lengths and powder paint colours red RAL 2002 and green RAL 6018 are available on request.

PROSYSTEM[®] Single and Double Girder Crane Standard

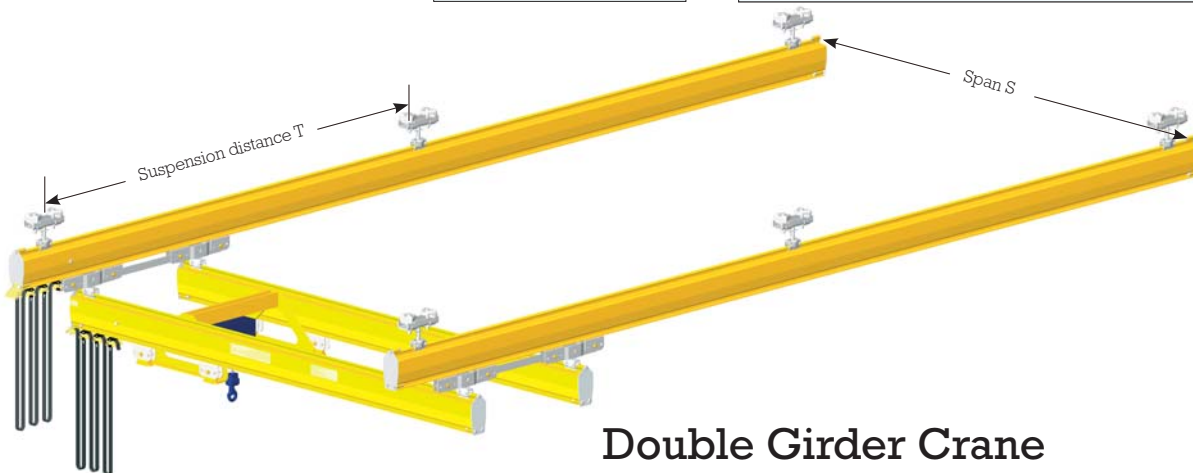


Single Girder Crane

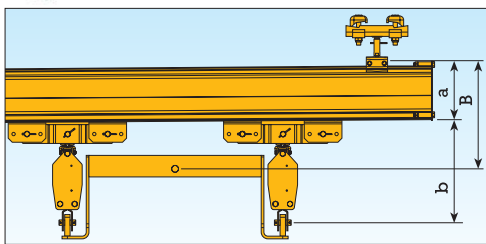


		Single Girder Crane						
Profile type	a [mm]	b [mm]	S max/T max in meters (1/350)					
			80 kg	125 kg	250 kg	500 kg	1000 kg	1500 kg
125	150	294	7,8/7,4	6,6/6,6	4,7/4,3	2,6/2,4		
200	222	385	8*/8*	8*/8*	8*/8*	7,1/6,8	4,4/4,3	3,1/2,9
260	282	445				8*/8*	6,6/6,2	4,6/4,4

* profile max. standard length



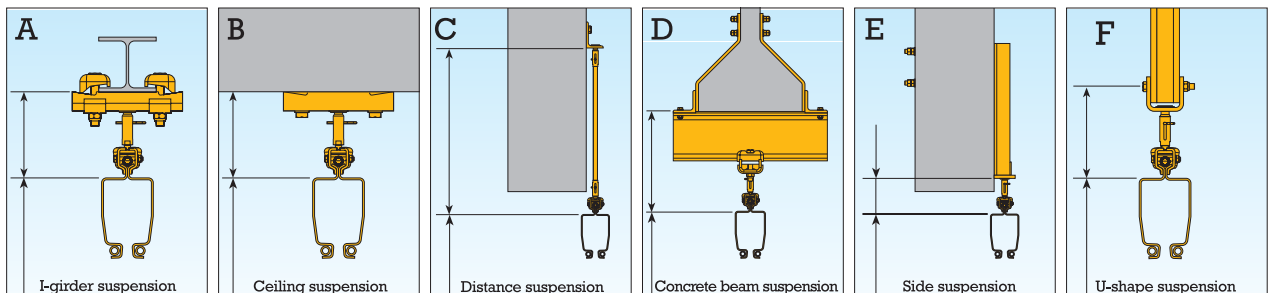
Double Girder Crane



		Double Girder Crane								
Profile type	a [mm]	b [mm]	B [mm]	S max/T max in meters (1/350)						
				80 kg	125 kg	250 kg	500 kg	1000 kg	1500 kg	2000 kg
125	150	294	294	8*/6,5	8*/5,1	6,6/4	4,7/2,9			
200	222	385	392	8*/8*	8/8*	8*/8*	8*/6,4	7,2/5	5,3/3,2	5,3/3,1
260	282	445	375				8*/8*	8*/6,1	8*/4,6	6,4/3,8

* profile max. standard length

Mounting



Profile type	Suspension type, distance [mm]					
	A	B	C	D	E	F
125	103...133	103...133	<500	203...233	48...78	108...138
200/260	128...160	128...160	<500	228...260	84...116	140...172

PROSYSTEM® Single and Double Girder Crane

Freestanding

Standardised dimensions – **quick delivery.**

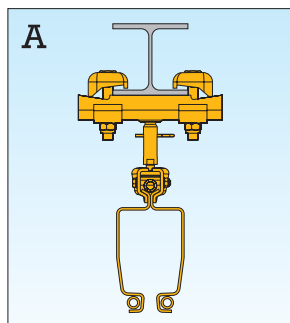
Freestanding construction – **can be installed directly on to floor.**

Easy to install – **all nut and bolt connections – no welding required.**

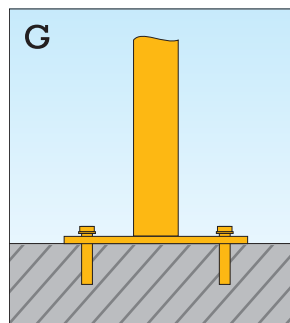


PROSYSTEM® freestanding cranes are designed for locations where the ceiling cannot carry to crane load. It is also a perfect solution for cases where there is a need to reposition the cranes to allow changes in layout. With standard constructions freestanding cranes do not need to be specially designed and therefore they are simple to specify and purchase. All profiles and supporting steel frames are powder painted.

Frame Mounting



Floor Mounting



Freestanding Crane	
80 kg – 125 kg – 250 kg – 500 kg – 1000 kg – 1500 kg – 2000 kg	
Single or Double Bridge length (W)	2-8 m
Standard Track length up to	36 m
Standard support distance (T)	6 m
Total height alternatives	3-4-5 m

PROSYSTEM® Single and Double Girder Crane

Raised

Standardised construction – **quick delivery.**

Low construction height – **increased lifting height.**



PROSYSTEM® raised single and double girder cranes are designed specially for buildings with limited headroom where standard construction could not provide the lifting height needed. The raised bridge construction where the bridge profiles are raised between the track profiles increases the lifting height. Also the raised light crane system can be suspended from both existing ceiling construction or from freestanding support frames.



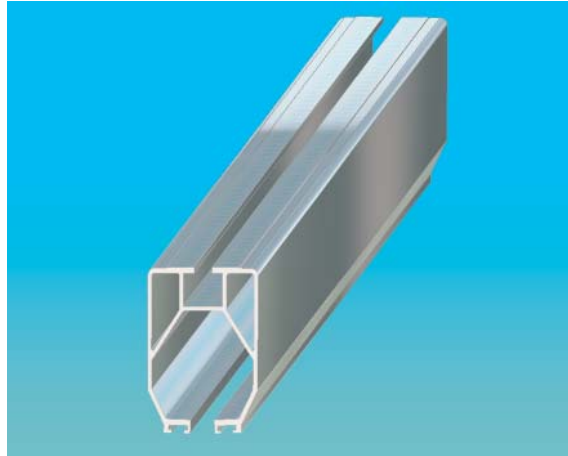
Raised Single Girder Crane				
Profile type		[mm]		
Track	Bridge	E	D	c
125	125	264	159	199
200	200	335	223	269
260	260	395	283	329

Raised Double Girder Crane				
Profile type		[mm]		
Track	Bridge	E	D	B
125	125	264	159	57
200	200	335	223	69
260	260	395	283	69

Mountings on page 5 as for standard cranes.

Also available

Aluminium Light Crane System



Personal Ergonomic Lifting Device



Jib Cranes



PROSYSTEM®

Light Crane System