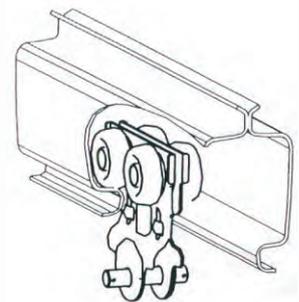
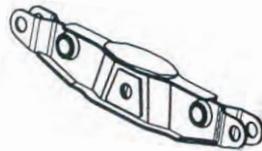
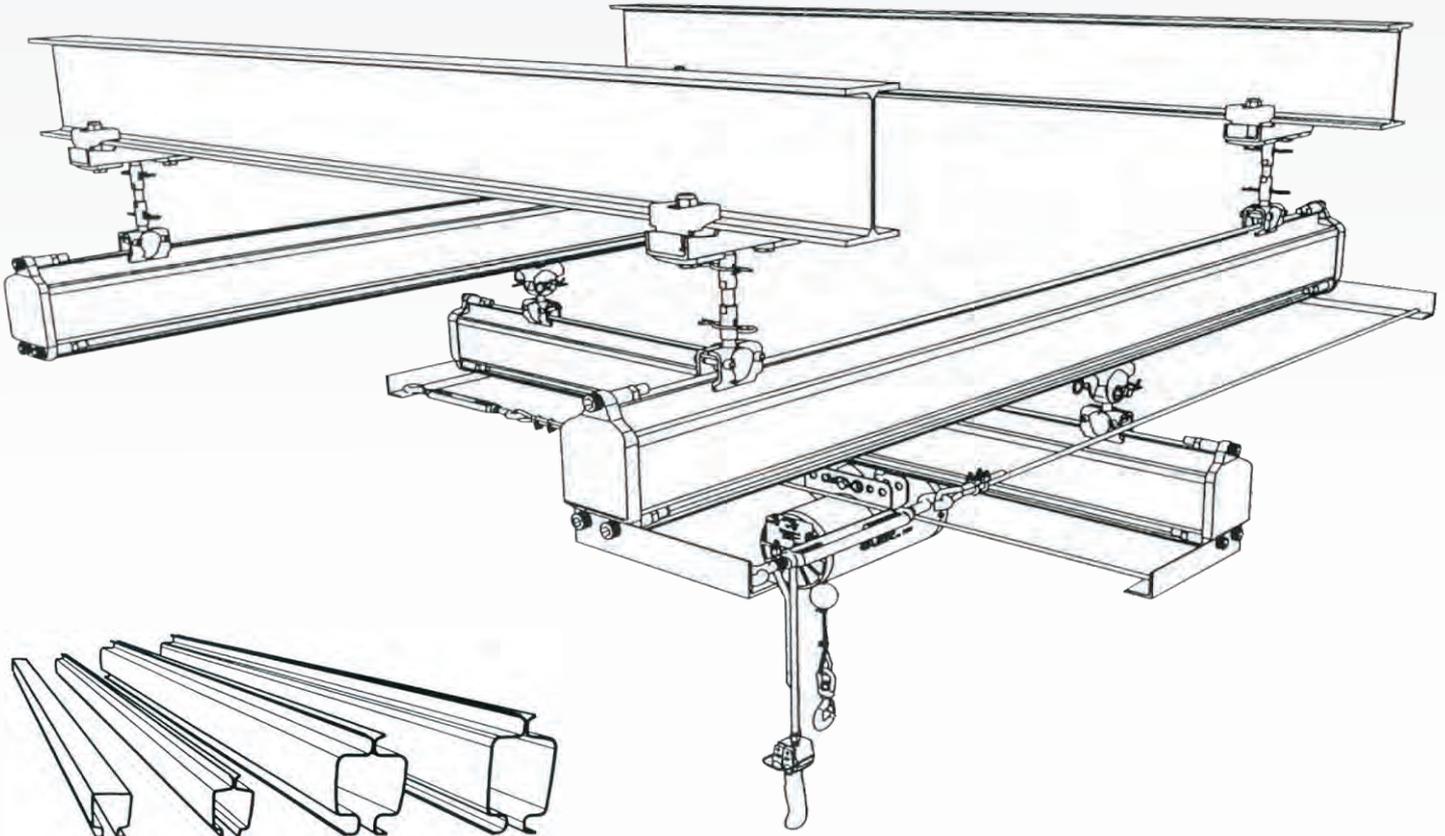


Workstation Crane

MONORAIL / DOUBLE GIRDER / SINGLE GIRDER



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General

Workstation crane can be built to almost any design: from simple, manually controlled straight sections to complex, semi or fully automated closed-circuit monorail systems.

Suspension monorail crane from the KBK classic crane construction kit are the best solution for product line, overhead handling.

Outstanding versatility

A wide range of components makes it possible to adapt the route precisely to meet the structural requirements of your workshop. At the same time, the system ensures that all specific product and workplace requirements of your production facility are met.

Transfer between suspension monorails and single-girder suspension cranes is also possible using latching devices.

Ideal equipment carriers

The special profiles of the KBK crane construction kit are particularly suitable for applications such as tracks for load balancers fitted with testing devices and electric and pneumatic tools, etc. and power supply lines for cranes and other mobile equipment.

Cable trolleys can also be used for suspending hoses.

Monorail Workstation Crane

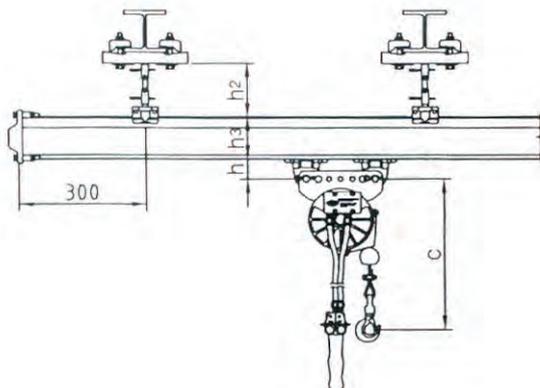
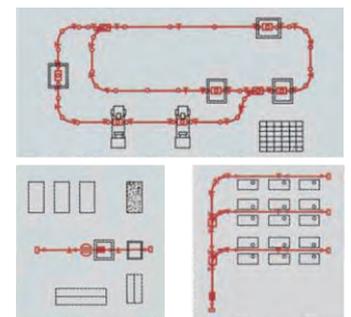
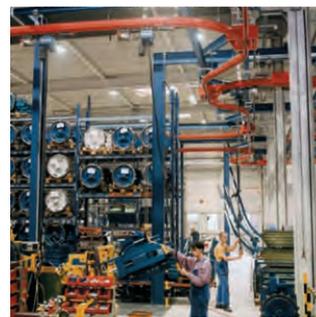
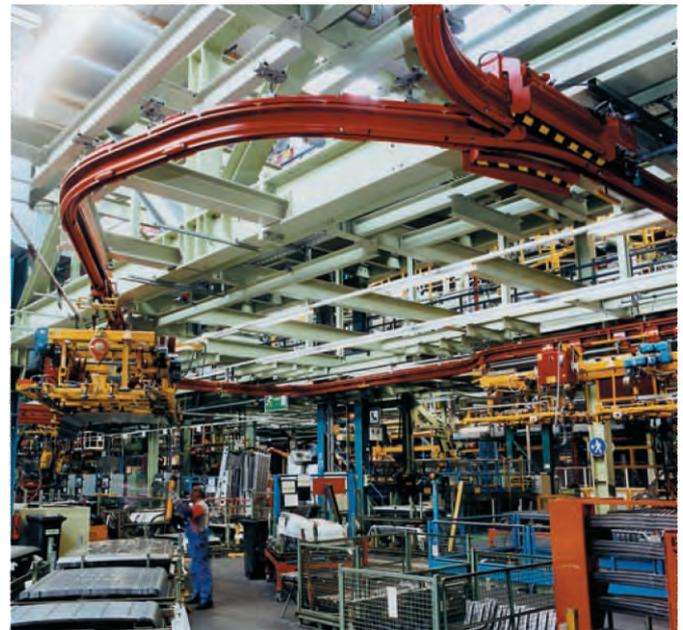
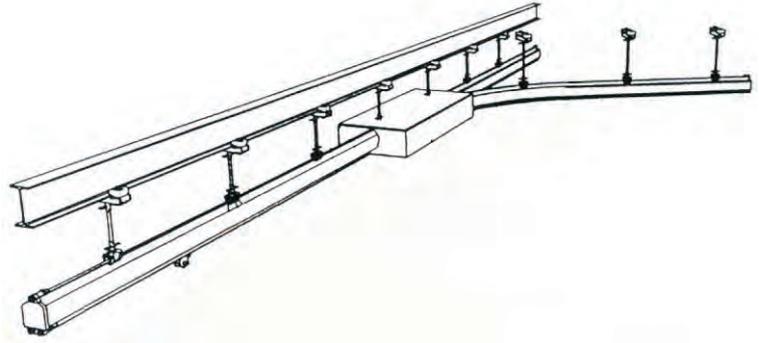
Suspension monorail crane from the KBK workstation crane construction kit are the best solution for product line, overhead material handling.

Outstanding versatility

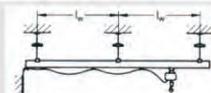
A wide range of components makes it possible to adapt the route precisely to meet the structural requirements of your workshop. At the same time, the system ensures that all specific product and workplace requirements of your production facility are met. Transfer between suspension monorails and single-girder suspension cranes is also possible using latching devices.

Ideal equipment carriers

The special profiles of the KBK workstation crane kits are particularly suitable for applications such as tracks for load, long distance material handling and electric and pneumatic tools, etc. When using the pneumatic and hydraulic driven device, cable trolleys can also be used for suspending hoses for transporting fluids or gases.



Profile selection: max. distances between supports, headroom dimensions



KBK Track Profile	Monorail Hanger Spacing							
	Capacity	80 kg	125 kg	250 kg	500 kg	1000 kg	1500 kg	2000 kg
100	Maximum	3 m	2.5 m					
I	Hanger	5 m	4 m	2.5 m				
II-L	Spacing		7 m	5.8 m	3.5 m			
II	(ft.)			8 m	5.4 m	3.2 m		
III					8 m	5.7 m	4.1 m	3.4 m

KBK classic suspension monorails can be built to almost any design: from simple, manually controlled straight sections to complex, semi or fully automated closed-circuit monorail systems

Double Girder Workstation Crane

Lift higher, cover wider and carry heavier.

Double-girder suspension workstation cranes feature a low deadweight and able to move material up to 2000KG. In addition, the soft suspension largely absorbs the horizontal forces caused by starting, braking and stopping. Double-girder suspension cranes can even be installed in buildings of light steel construction.

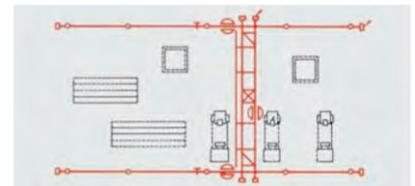
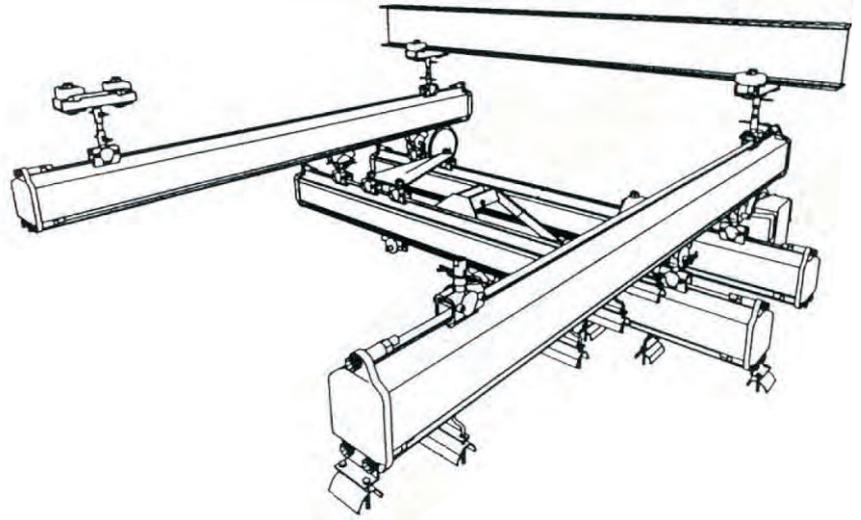
Lift higher

Arrange the hoist unit between the two crane girders provides KBK classic double-girder cranes with a greater useful lifting height. And make best use of the head room above

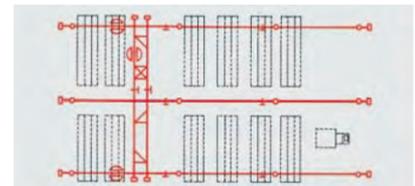
Cover wider

Double-girder workstation cranes can also operate on several runways, and providing large spans to cover extensive storage and production areas.

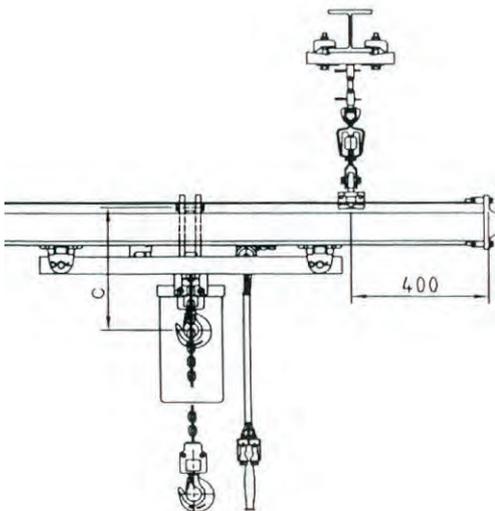
The cranes can be easily moved by hand. However, motorized trolley with friction wheel is recommended to drives crane when the cover span is over 6 meters and load capacities exceeding 500 kg.



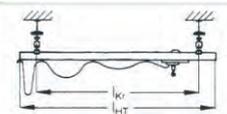
Power supply cable trolleys travel in the KBK runway or crane girder sections. The control pendant can also travel independently of the hoist when fitted to a separate travel rail.



Cranes operating on several runways provide larger spans to cover extensive storage and production areas pendently of the hoist when fitted to a separate travel rail.



Profile selection: Max. distances between supports, crane spans, girder lengths



KBK section		Load capacity							
		80 kg	125 kg	250 kg	500 kg	1000 kg	1500 kg	2000 kg	3200 kg
100	Crane span l_{cr}	4.5 m	3.8 m						
	Girder length l_{gir}	5 m	5 m						
I	Crane span l_{cr}		6.2 m	5 m	3.1 m				
	Girder length l_{gir}		9 m	6 m	4 m				
II-L	Crane span l_{cr}			7.6 m	6.5 m	4.3 m			
	Girder length l_{gir}			10 m	7 m	5 m			
II	Crane span l_{cr}				8.8 m	6 m	4.6 m	3.6 m	
	Girder length l_{gir}				11 m	7 m	5 m	4 m	
III	Crane span l_{cr}					9.1 m	7.4 m	6.3 m	4.2 m
	Girder length l_{gir}					14 m	9 m	7 m	5 m



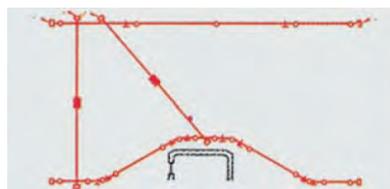
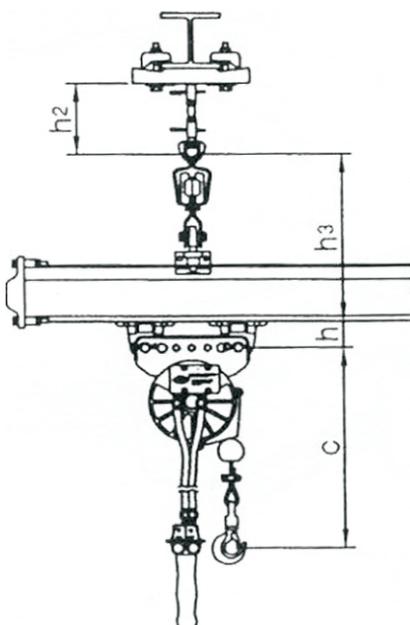
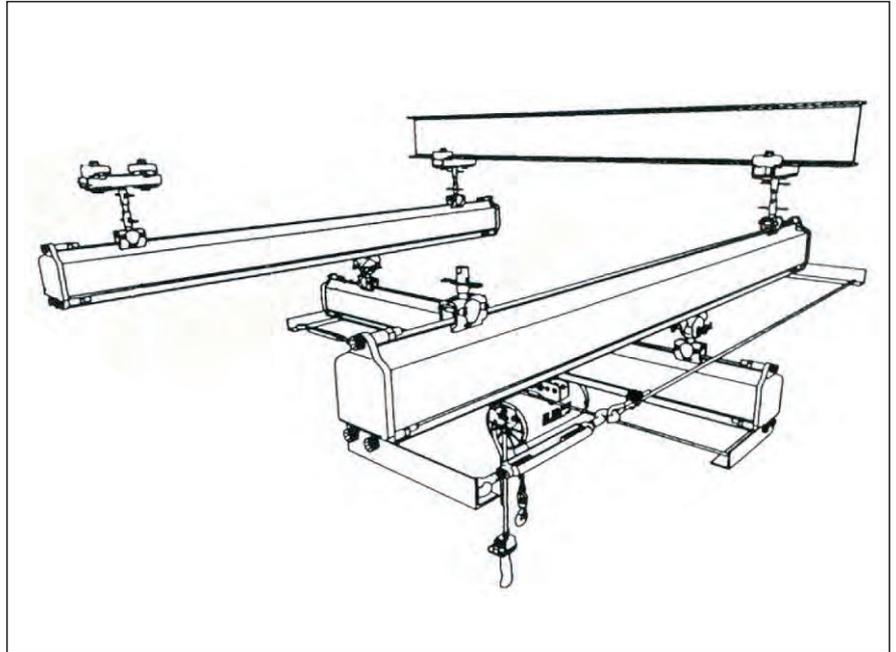
Single-girder suspension cranes from the KBK monorail crane provide a fast and safe area-serving overhead handling solution and exact positioning of a wide variety of goods.

cost-saving & easy to install

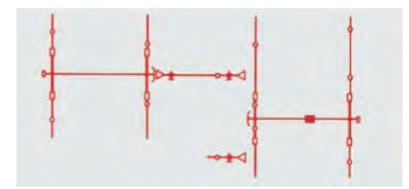
Single-girder suspension workstation cranes can be simply suspended from the building roof or superstructure. Additional supports for the crane runway are not necessary. Even partial areas of a workshop may be easily fitted with suspension cranes at low cost.

Smooth & long service time

Because of their low deadweight and low rolling friction of the free-running trolleys, Workstation cranes made heavy components can be moved quickly and easily by hand.

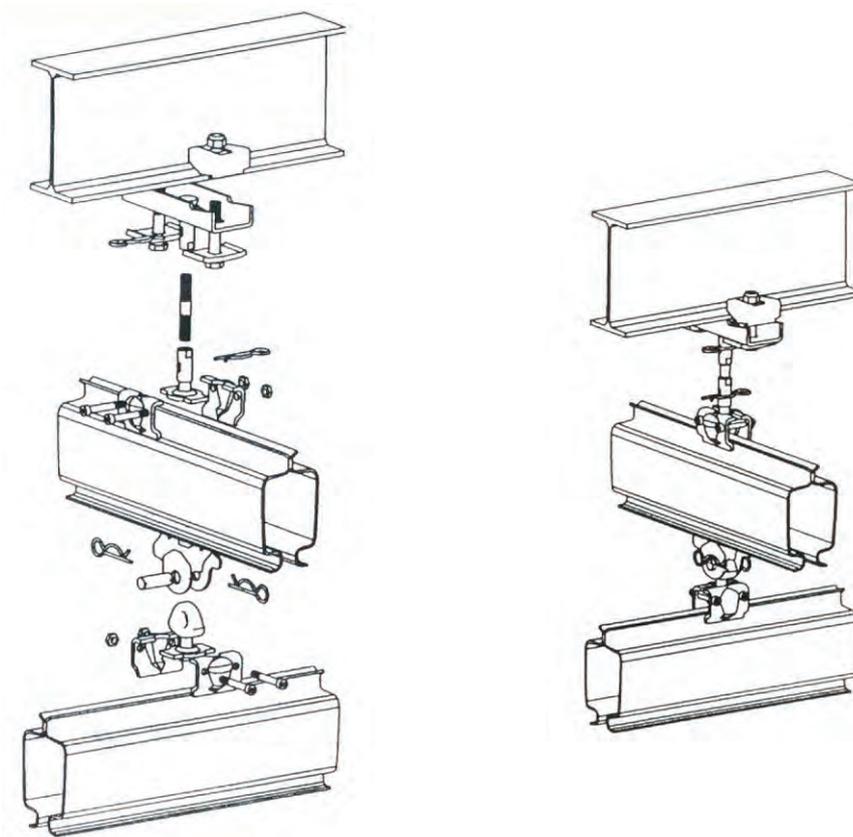


Flexible ball and socket connections between the crane girder and end carriages enable single-girder cranes to operate on tracks that are not parallel.



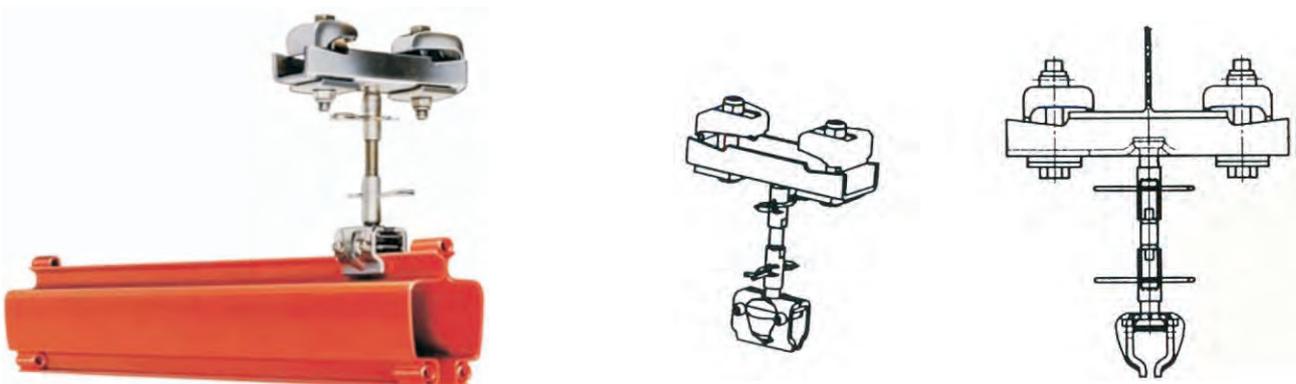
The benefits of KBK classic single-girder suspension cranes include latching devices that allow direct transfer of the hoist trolley between the crane and a suspension monorail.

With the help of module design, the workstation can be amounted in many methods like free standing and ceiling mounted. Also the flexible crane kit can combine into single girder type, double girder type and monorail type to meet various demands.



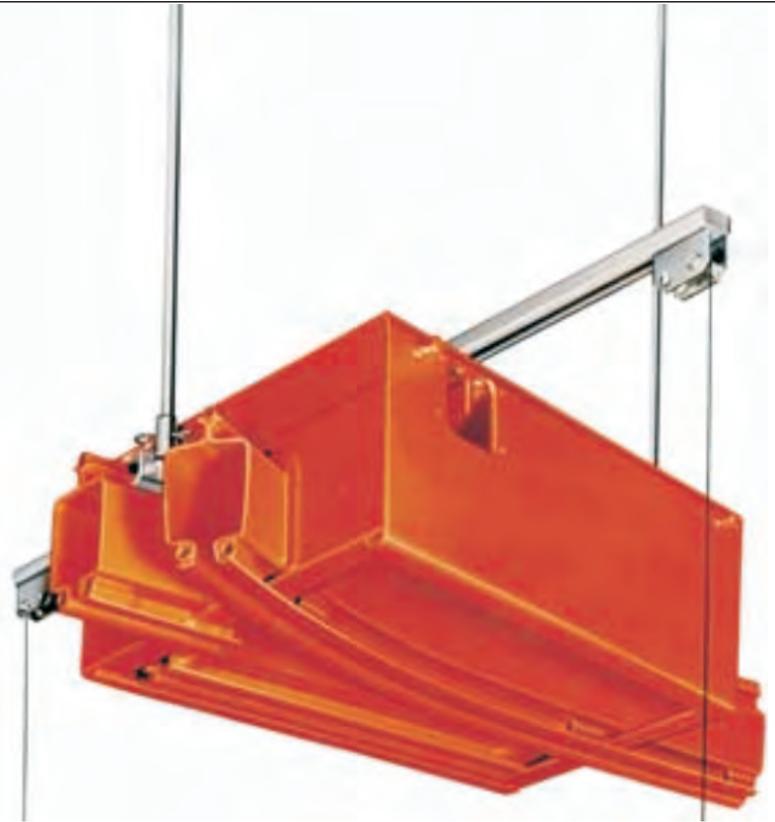
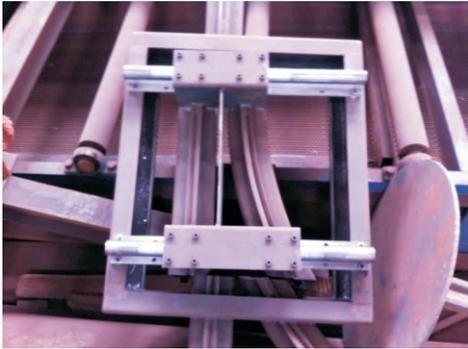
Suspensions

To prevent bending stresses and to minimise horizontal forces in the superstructure, KBK track sections are suspended so as to allow pendulation. Plastic shells in the upper and lower ball joints reduce maintenance ,surge loading and noise to a minimum. The track height can be easily and precisely adjusted by means of the threaded suspension rods that connect the ball joint heads.



Track switches

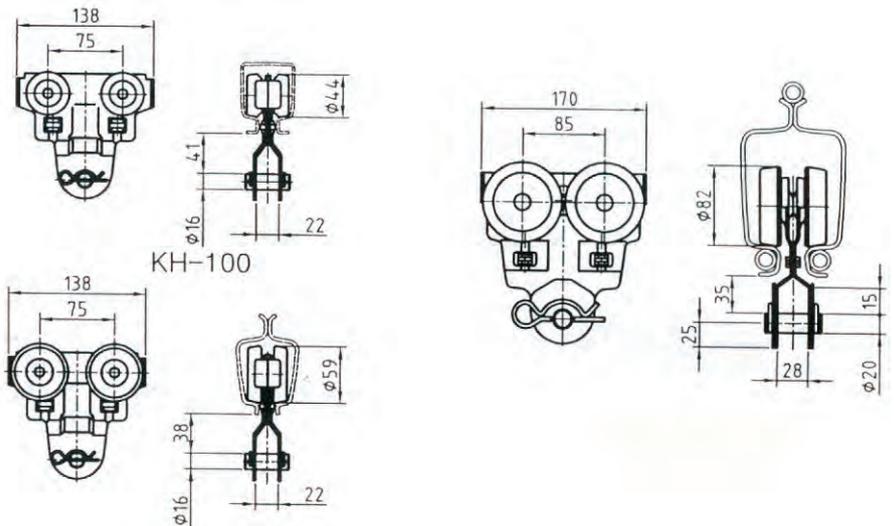
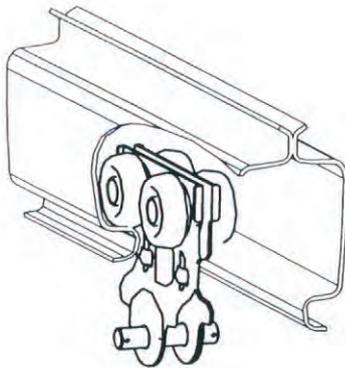
Of compact, enclosed design, track switches are branching or converging components in the material flow. Options allow manual, electric or pneumatic switching for semi-or fully automatic control.



Motorized trolley to drive the hoist and girder.

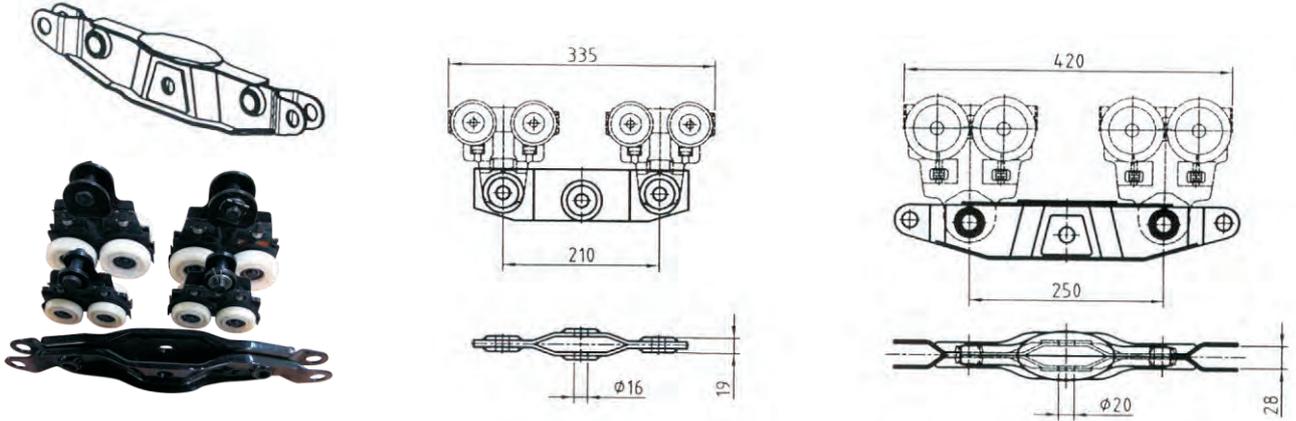
Trolley

Motorized crane trolley can drive the trolley and hoist by electric power and make the movement more smooth and steady than manpower. It is recommended on crane with capacity more than 1000KG.



Load bar

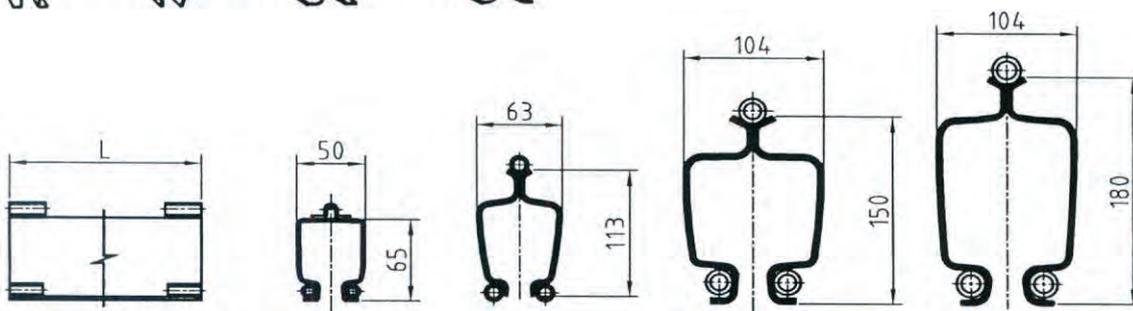
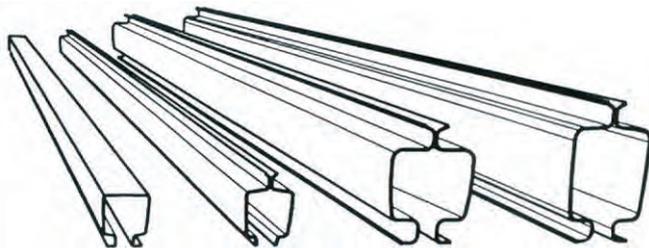
Workstation crane trolley with two different size and capacity to fit into the rails. Trolley can fix together with the connection bar, and make the hoist able to move material up to 2000KG.



Trolley I/trolley II and connection plate

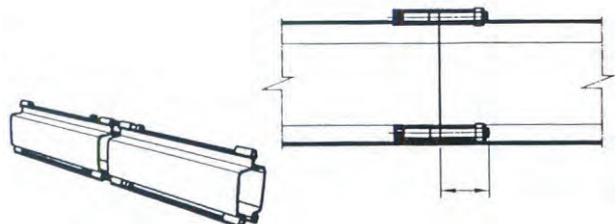
Straight track section

Send the ASTM-A36 steel strips into the cold forming machine, after that all KBK panels will be sand polished to get rid of any rust or dirty on the track. All finished KBK panels will be assembled on the welding machine, two panels can be combined into a semi-finished KBK track.



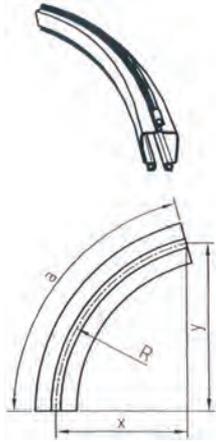
Joint bolt set

The joint bolt connect tracks from pieces into a whole unit.



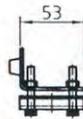
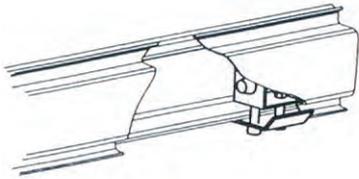
Curved track section

The curved track helps crane to bypass the obstacles in workshop.

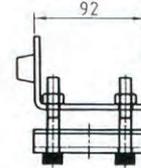


	Angle a	Dimension(mm)		Weight approx. kg	Part No.
		X	Y		
KH-I R=750	30°	100	375	2.5	KT9604120
	60°	375	650	5.0	KT9604220
	90°	750	750	7.5	KT9604320
KH-I R=1000	30°	135	500	3.5	KT9604420
	60°	500	865	6.7	KT9604520
	90°	1000	1000	10.0	KT9604620
KH-II R=1500	10°	25	260	4.9	KT9604140
	15°	50	390	7.1	KT9604240
	30°	200	750	13.7	KT9604340
	45°	440	1060	20.3	KT9604440
	60°	750	1300	26.9	KT9604540
	90°	1500	1500	36.5	KT9604640

Internal buffer stop

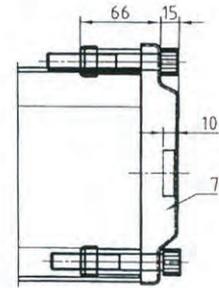
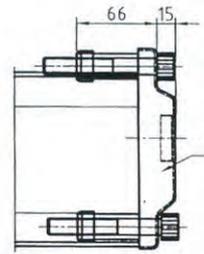
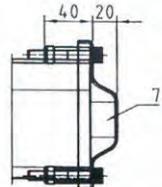
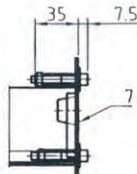
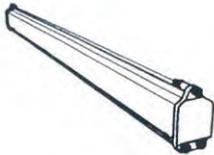


KH-100, KH-I



KH-II-L, KH-II

End cap with buffer

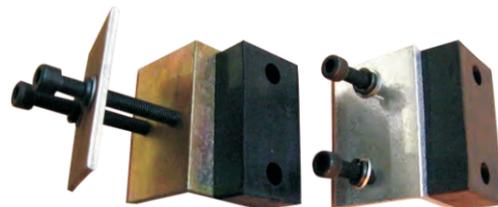


KH-100		KH-I		KH-II-L		KH-II		KH-R5	
Weight appr. kg	Part No.								
0.1	KT9607010	0.1	KT9607020	0.44	KT9607030	0.44	KT9607040	0.44	KT9607040

Butter with rubber stop can separate the hoist in different working zone and get rid of the collusion damage.



End block for crane girder



Travel limit block for crane girder

MAIN COMPONENTS PRICE LIST

Items	Unit price(FOB Shanghai)	Remark
Workstation crane rail I	35USD/m	125~250KG Capacity
Workstation crane rail II	46USD/m	250~1000KG Capacity
Rail suspension I	28USD/set	125~250KG Capacity
Rail suspension II	39USD/set	250~1000KG Capacity
Motorized trolley	750USD/pec	Power customized
Manual trolley I	39USD/ pec	125~250KG Capacity
Manual trolley II	48 USD/pec	250~1000KG Capacity
250 KG chain hoist*3m	430USD/pec	Single speed
250 KG chain hoist*3m	575 USD/pec	Double speed
500 KG chain hoist*3m	450USD/pec	Single speed
500 KG chain hoist*3m	625 USD/pec	Double speed
1000 KG chain hoist*3m	530USD/pec	Single speed
1000 KG chain hoist*3m	655 USD/pec	Double speed
1500 KG chain hoist*3m	7150USD/pec	Single speed
1500 KG chain hoist*3m	7805 USD/pec	Double speed
2000KG chain hoist*3m	830USD/pec	Single speed
2000 KG chain hoist*3m	975 USD/pec	Double speed
Fork track	1500USD/set	Customize size
Curved tracks	360USD/pec	Customize size
Main control box	260USD/ pec	Customize size
Supporting beam	46USD/m	Customize size
Square pipe column	230USD/pec	Customize size
M16 galvanized bolt & nuts	4.5USD/set	galvanized
Block trolley	35USD/set	With rubber wheel