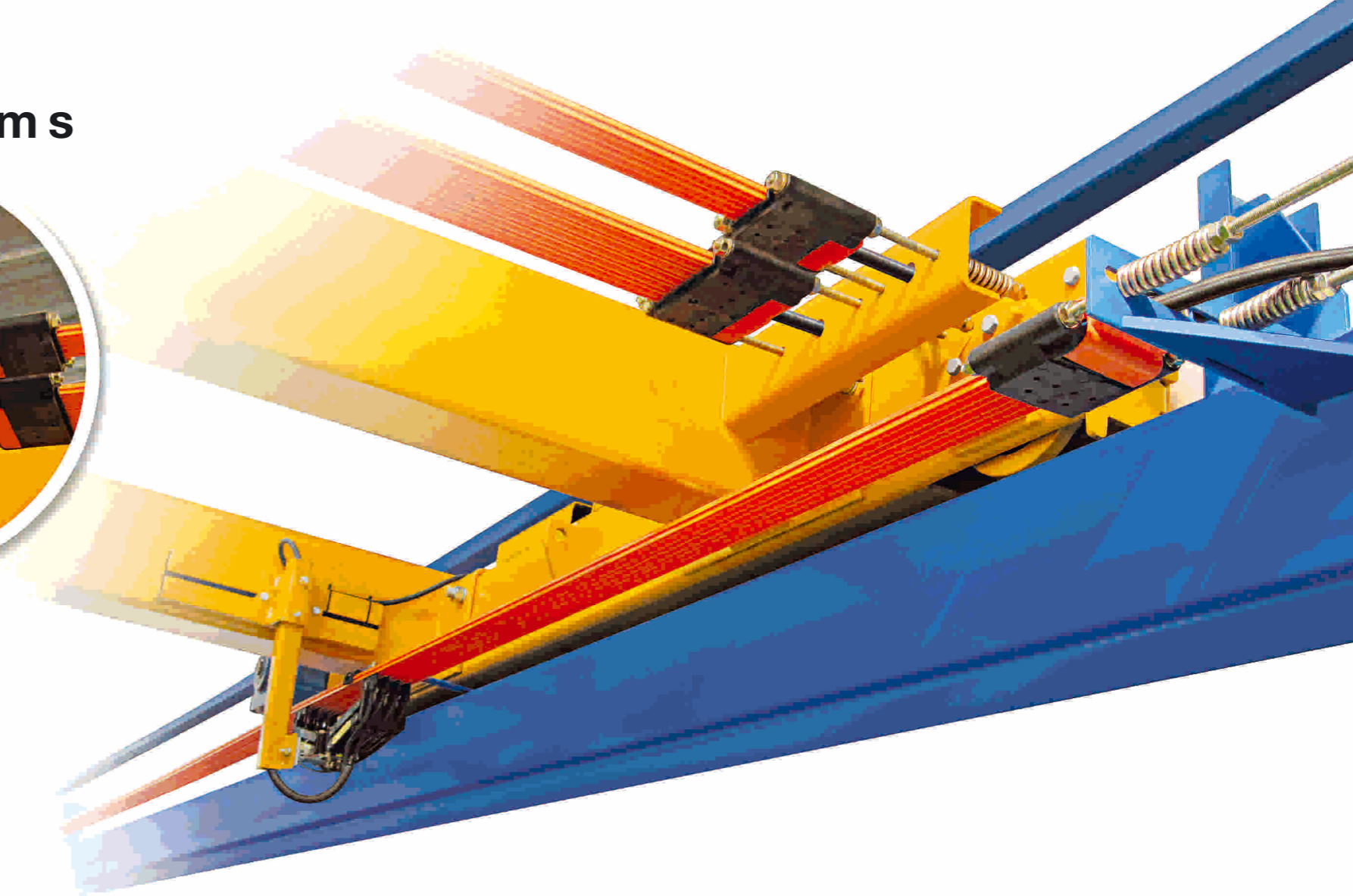
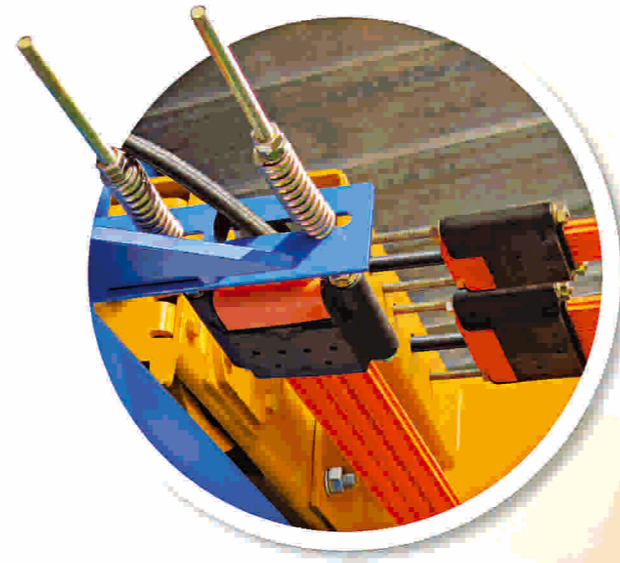
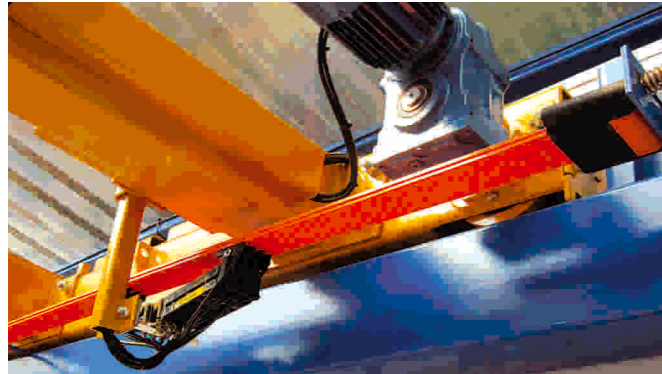
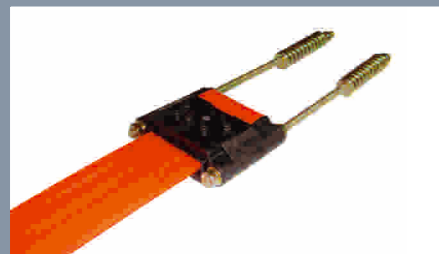


# insulated conductor rail systems



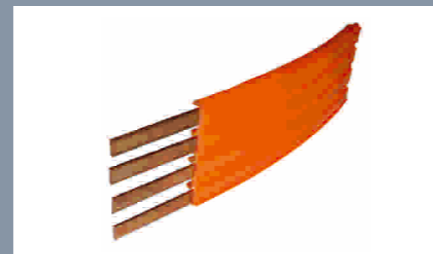
## Equipments



En Tension & Power in



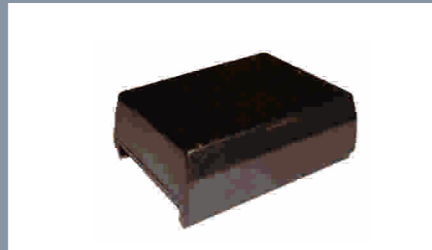
Current collector



Insulated Conductor Rail



Hanger Clamp



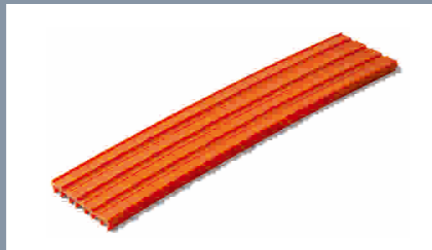
Middle Power feed in



Fix Square Bar



3P 75 A Conductor Rail



4P 75 A, 100 A, 200 A Conductor Rails



## Specifications

**Monolithic:** It is able to assembled without any additional components up to 250 m.

**Maintenance:** Maintenance free for being PVC insulated and assembled as a single piece. The single piece copper conductor reduces the abrasion of the current collector brushes to the minimum. The conductor line can be used without making seasonal settings because of spring free type power in at both end for temperature compansation.

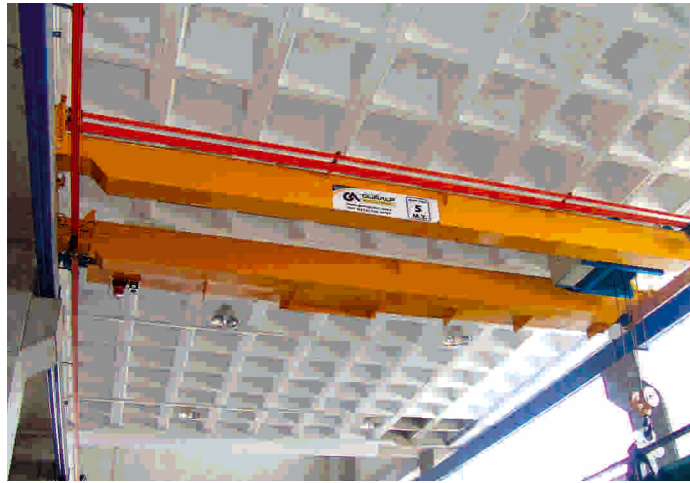
**High Current Capacity:** Our standard type conductor lines are capable of working with 75, 100, 200 A capacity, and 100% rate of duty. We have also heavy duty W type conductor lines for the greater capacities (320 A, 500 A and 800 A).

**Power Conduction:** Jointed and spring-loaded current collector brushes provide continuous contact with the copper conductor and max energy transmission.

**Voltage Drop:** Continuous copper conductor provides minimum voltage drop. Monolithic property prevents voltage drop and additional resistance which can be occurred at the joint when comparing with jointed conductor line.

**Easy Installation:** Lightness for PVC insulation, being assembled without addition and design of the equipment provides easy and fast installation.

**Ease of Operation:** With the consolidation and connection elements, it is possible to extend the working length or change the damaged parts in case of any accident. Depending on the current capacity it allows multiple systems to be operated on the same hall and to be included the existing energy system only with a current collector without removing any part is one of the biggest advantages.



#### Technical Features

Current-carrying capacity	A	75	100	200		
Nominal voltage	V	600	600	600		
Area of usage		Indoor (Closed) Area / Sheltered Outdoor (Open) Area				
Ambient Temperature	°C	-10 / +60*				
Number of Poles		3	4	6	4	4
Weight	kg/m	0,8	1,1	1,64	1,4	1,9
External Dimensions	mmxmm	14x55	14x74	14x115	14x74	14x74
Selection of the copper conductor	mm <sup>2</sup>		20		28	41,8
Installation Support Distances	m		2		2	2
Maximum Installation length	m		250**		250**	250**

\* The appropriate current carrying capacity should be selected by calculating the current values over the established power on the system at temperatures above 40 degrees.  
 \*\* The longer type end tension should be requested for the longer installations than 150 m.  
 \*\*\* Power supply should be made from both ends depending of the voltage drops.  
 \*\*\*\* For higher current carrying capacities, please contact with our sales representatives.



- Single piece, PVC insulated, copper conductor
- Compact design and lightness
- Oxygen-free high conductive copper
- High current capacity
- Ability of working on radius lines
- Fast and easy to install
- Long-Life
- Fast delivery



**Güralp Vinç ve Makina Konstrüksiyon Sanayi ve Ticaret A.Ş.**  
**Head Office** : Yedi Eylül Mahallesi Ümit Tunçağ Caddesi No:4 Torbalı İzmir Türkiye T:+90,232,853 18 66 F:+90,232,853 18 67 @: guralp@guralpvinc.com.tr  
**Istanbul Branch**: Emek Mah. Baran Sk. No:4 Sancaktepe İSTANBUL Türkiye T:+90,216,466 57 01 F:+90,216,415 85 56 @: istanbul@guralpvinc.com.tr  
**Bursa Branch** : Nilüfer Ticaret Merkezi 62 Sok.No:6 Nilüfer Bursa Türkiye T:+90,224,441 10 89 F:+90,224,441 10 90 @: bursa@guralpvinc.com.tr  
**Ankara Branch** : 1471 Sk. (Eski 687 Sk.) No:91/D İvedik O.S. İvöğsan Ostim ANKARA Türkiye T:+90,312,394 78 51 F:+90,312,394 78 50 @: ankara@guralpvinc.com.tr  
**Konya Branch** : Büyükkayacık Mah. Ankara Cad. KOS Girişi No:294B Selçuklu Konya Türkiye T:+90,332,352 22 36-38 F:+90,332,352 22 37 @: konya@guralpvinc.com.tr