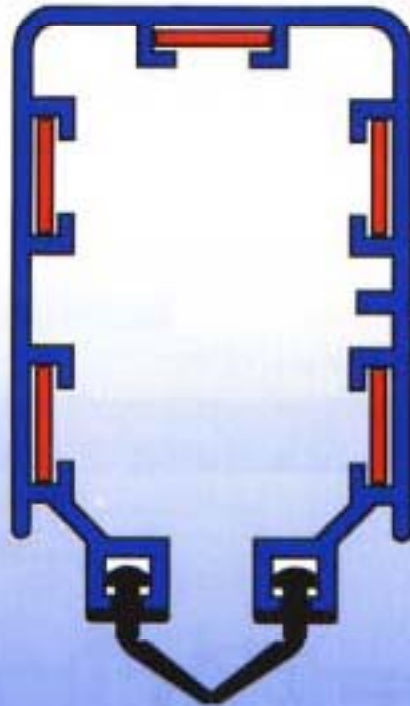
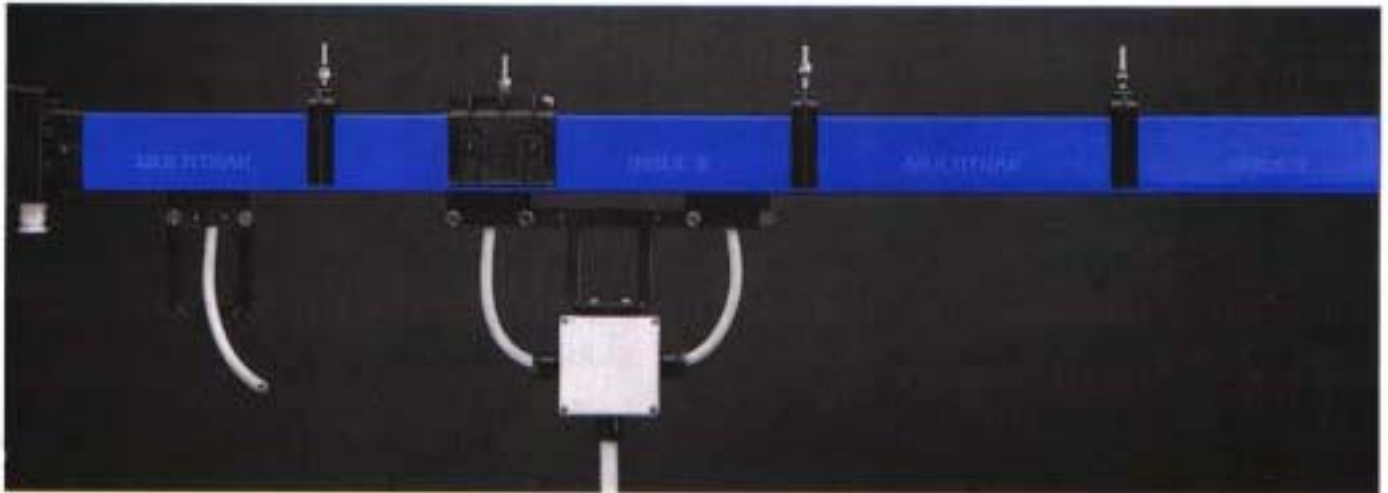


**CONDUCTIX**  
INSUL 8

© DELACHAUX GROUP

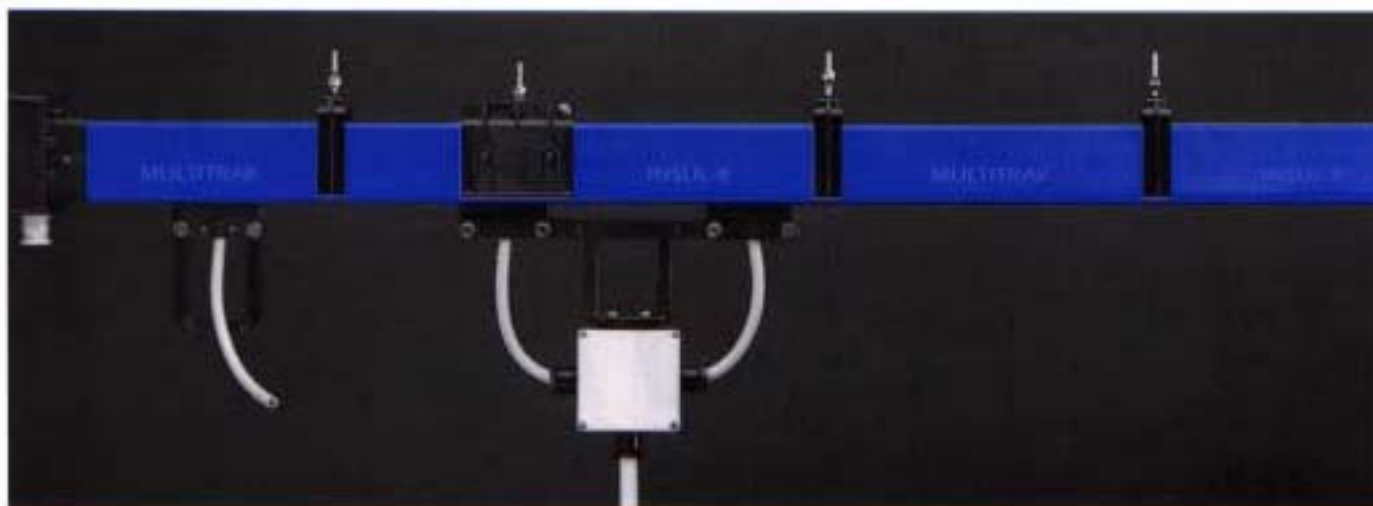
*The Conductive Edge in Mobile Electrification for Over 50 years!*

# MULTITRAK



**ENCLOSED CONDUCTOR ELECTRIFICATION FOR CRANES,  
HOISTS AND OTHER TYPES OF MOVING MACHINERY**

# MULTITRAK



## DESCRIPTION

Multitrak is a safe conductor system for the mobile electrification of:

AUTOMATED STORAGE - ELECTRIC POWER TOOLS - ELECTRIC HOISTS - OVERHEAD CRANES and many other applications.

Multitrak complies with I.S.O. regulations and safety requirements.

Multitrak is easily installed and requires only a minimum of maintenance.

Multitrak can be supplied with copper conductors installed **TYPE A**, or the housing and the copper strip supplied separately **TYPE B**.

## TECHNICAL DATA - BLUE PVC MULTITRAK HOUSING

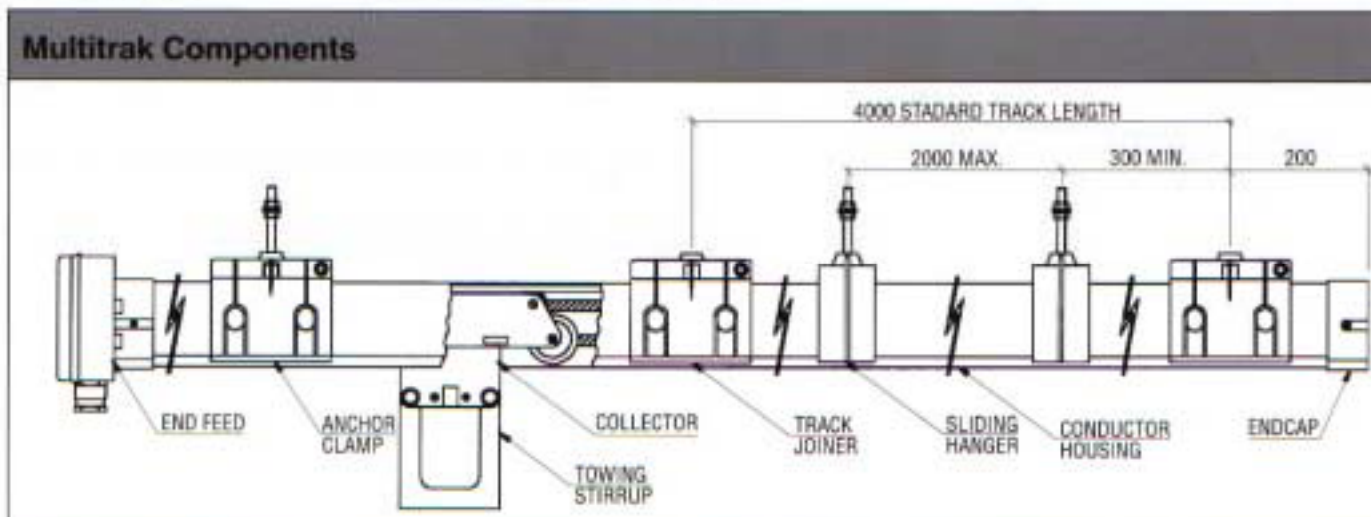
DESCRIPTION	TEST	MEASURE UNIT	
specific weight	ISO R 1183	Kg/dm <sup>3</sup>	1,44
shore hardness	ISO R 868		D83
vicat degree 5 Kg	ISO R 306	°C	82
IZOD +23°C	ISO R 180	Kg Cm/Cm	10
IZOD 0° C	ISO R 180	Kg/Cm/Cm	5,5
IZOD -10°C	ISO R 180	Kg/Cm/Cm	3
breaking load	ISO R 527	Kg/Cm <sup>2</sup>	430
yield point	ISO R 527	Kg/Cm <sup>2</sup>	460
bending	ISO R 178	Kg/Cm <sup>2</sup>	30000
inflammability	UL 94		VO
inflammability	DIN 4102		B2
inflammability	D.M. 6/7/83		CI
voltage rating:	600V		
travel speed	250 m/min		
temperature rating:	-30°C up to +55°C (-22°F up to 130°F)		

## TECHNICAL DATA - BLACK PVC SEALING STRIP

specific weight:	1,45 g/cm <sup>3</sup>
shore 15°:	81
breaking load:	1,45
extension:	340%
rating temperature:	-30°C up to +55°C (-22°F up to 130°F)
volume resistivity:	3x10 <sup>13</sup>

## TECHNICAL DATA - COPPERSTRIP

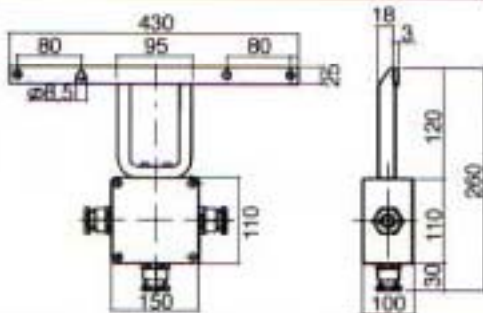
Load AMP	Conductor section mm <sup>2</sup>	Resistance Ω/m .10 <sup>-4</sup>	Impedance Ω/m .10 <sup>-4</sup>
70	16	11,16	11,25
100	24	7,44	7,25
140	32	5,58	5,72



# MULTITRAK

## Tandem Collector Towing Stirrup

P/N  
TR 8523

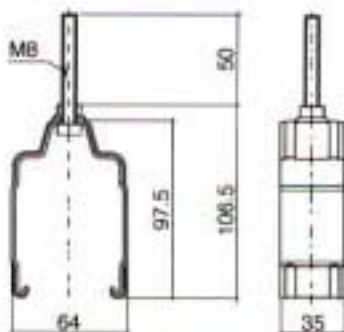


Connects (2) Collector Trolleys in tandem

Trolley  
AMP  
70

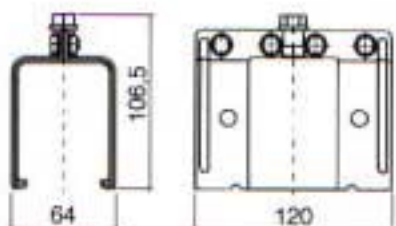
## TYPE A & B Sliding Hanger in Steel Galvanised

P/N  
TR 8525



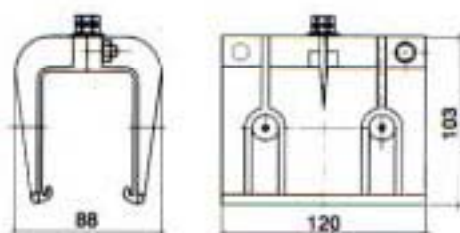
## TYPE B Joint Box Steel Galvanised

P/N  
TR 8524



## TYPE A & B Track Anchor Clamp

P/N  
TR 8535  
TR 8536



## Component Parts - Assemblies - Accessories -

Part No:	Description
TR 8500	P.V.C. Housing 4 metre lengths
TR 8501	Track Joiner
TR 8502	Sliding Hanger
TR 8503	End Feed Box
TR 8504	Line Feed Box
TR 8505	PVC Sealing Strip
TR 8506	End Cap
TR 8507	Expansion Joint
TR 8508	Tow Stirrup 35 A -70 A Collectors
TR 8509	Tandem 35 A Towing Stirrup
TR 8510	Towing Arm 35 A-70 A Collectors
TR 8521	3 Pole 35 A Collector
TR 8511	4 Pole 35 A Collector
TR 8512	5 Pole 35 A Collector
TR 8513	Copper strip Roll Holder
TR 8514	Copper Strip Installation Carrier
TR 8515	Copper Strip Joining Clamp
TR 8517	Contact Brush 35A
TR 8520	Contact Brush 70A
TR 8518	4 Pole 70 A Collector
TR 8519	5 Pole 70 A Collector
TR 8522	3 Pole 70 A Collector
TR 8523	Tandem 70 A Towing Stirrup
TR 8535	Track Anchor Clamp G.R.P.
TR 8536	Track Anchor Clamp Metal
RM 70	70 A Copper Strip (16x1mm)
RM 100	100 A Copper Strip (16x1.5mm)
RM 140	140 A Copper Strip (16x2mm)

### Track with 70A Copper Strip installed

TR 8570 3C  
TR 8570 4C  
TR 8570 5C

### Track with 100A Copper Strip installed

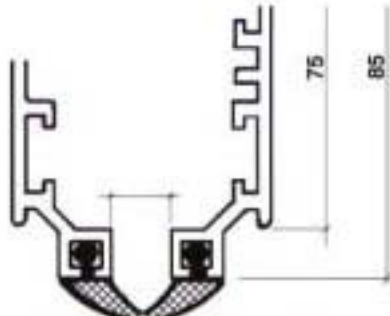
TR 85100 3C  
TR 85100 4C  
TR 85100 5C

### Track with 140A Copper Strip installed

TR 85140 3C  
TR 85140 4C  
TR 85140 5C

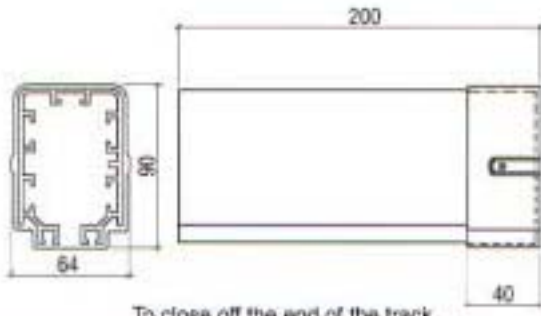
# MULTITRAK

TYPE <b>A &amp; B</b>	Sealing Strip	P/N TR 8505
--------------------------	---------------	----------------



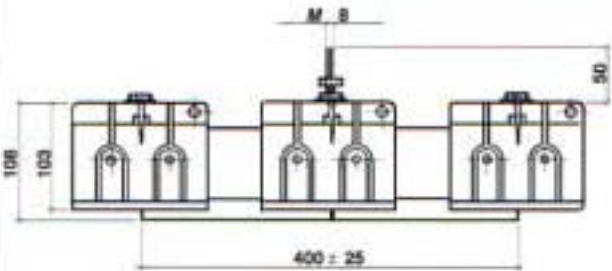
P.V.C. Sealing strips are available (if required) to seal the housing entry against dust and moisture.

TYPE <b>A &amp; B</b>	End Cap	P/N TR 8506
--------------------------	---------	----------------



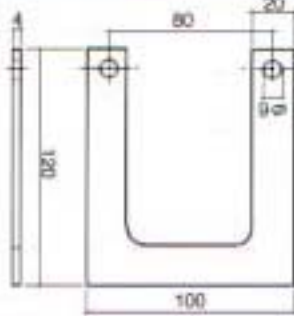
To close off the end of the track

TYPE <b>B</b>	Expansion Joint	P/N TR 8507
------------------	-----------------	----------------



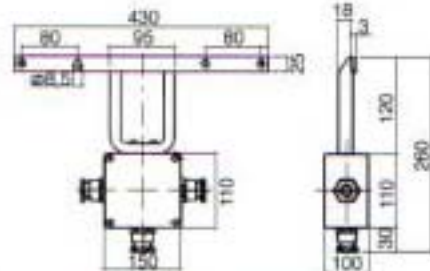
Maximum distance between expansion joints 80m

	Collector Towing Stirrup	P/N TR 8508
--	--------------------------	----------------



Towing Stirrup for trolley 35A - 70A

	Tandem Collector Towing Stirrup	P/N TR 8509
--	---------------------------------	----------------

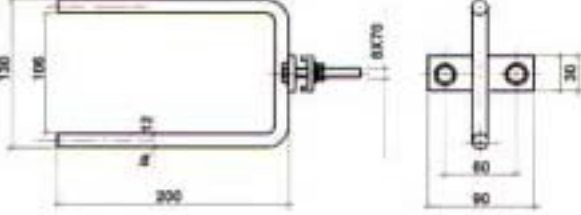


For Tandem Collector Trolley applications

Trolley AMP
<b>35</b>

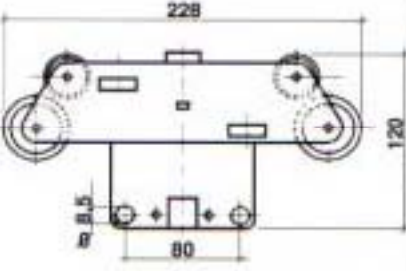
Connects (2) Collector Trolleys in tandem

	Towing Arm	P/N TR 8510
--	------------	----------------



For Single & Tandem Collector Trolley applications

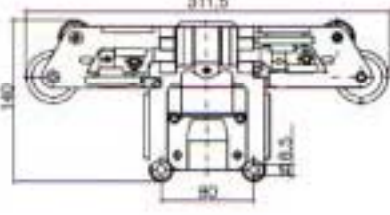
	Collector Trolley 35A
--	-----------------------



The fully insulated collector is equipped with ball bearing guide and running rollers. The sliding contact between the collector and the copper strip is by spring loaded copper graphite brushes.

AMP	Poles n°	P/N
<b>35</b>	3	TR 8521
	4	TR 8511
	5	TR 8512

	Collector Trolley 70A
--	-----------------------

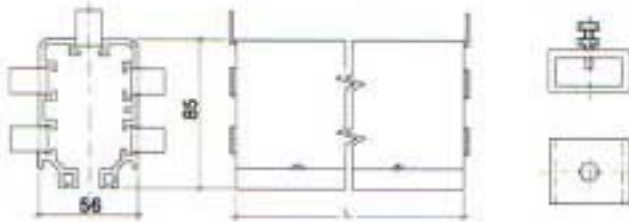


The fully insulated collector is equipped with ball bearing guide and running rollers. The sliding contact between the collector and the copper strip is by spring loaded copper graphite brushes. For higher amperage connect (2) or more collector trolleys in parallel.

AMP	Poles n°	P/N
<b>70</b>	3	TR 8522
	4	TR 8518
	5	TR 8519

# MULTITRAK

A	Housing with Copper Strip Installed			
	P/N			
	Pole no.	70A	100A	140A
LENGTH 4m	3	TR 85 70 3C	TR 85 100 3C	TR 85 140 3C
	4	TR 85 70 4C	TR 85 100 4C	TR 85 140 4C
	5	TR 85 70 5C	TR 85 100 5C	TR 85 140 5C



B	4m Housing Copper supplied separately	P/N 8500

TYPE B	Track Joiner (G.R.P.)	P/N TR 8501
<p>To connect track sections. Material: G.R.P. (Glass reinforced plastic)</p>		

TYPE A & B	Sliding Hanger (G.R.P.)	P/N TR 8502
<p>Recommended Hanger spacing 2m Centres. Material: G.R.P. (Glass reinforced plastic)</p>		

TYPE A & B	End Power Feed	P/N TR 8503				
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>AMP.</th> </tr> </thead> <tbody> <tr> <td>70</td> </tr> <tr> <td>100</td> </tr> <tr> <td>140</td> </tr> </tbody> </table>			AMP.	70	100	140
AMP.						
70						
100						
140						

TYPE A & B	Line Power Feed Joint Box For A	P/N TR 8504				
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>AMP.</th> </tr> </thead> <tbody> <tr> <td>70</td> </tr> <tr> <td>100</td> </tr> <tr> <td>140</td> </tr> </tbody> </table>			AMP.	70	100	140
AMP.						
70						
100						
140						