



# metreel

**ENCLOSED TRACK  
CRANE FESTOON  
SYSTEMS**

[www.metreel.co.uk](http://www.metreel.co.uk)





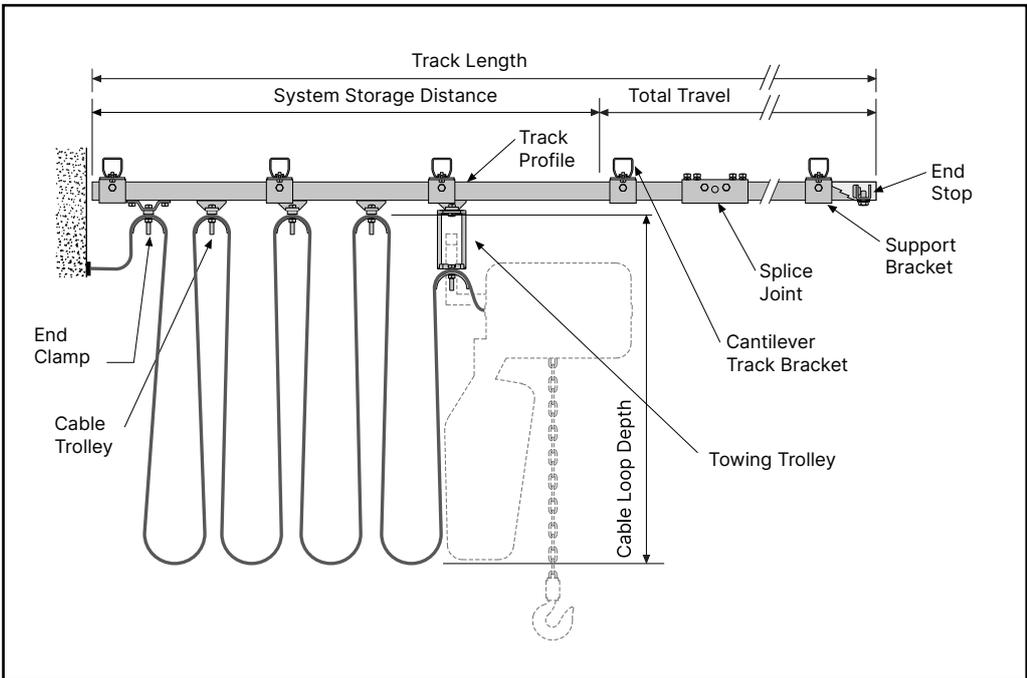
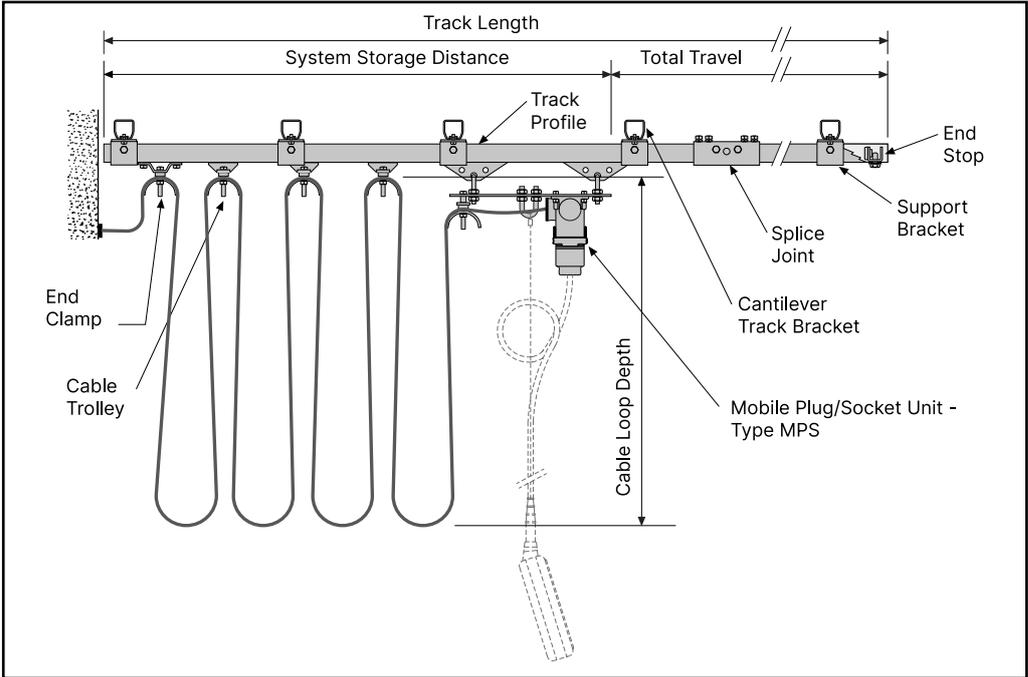


# ENCLOSED TRACK FESTOON SYSTEMS

Metreel's enclosed track festoon systems provide a safe and economical means of supplying power to cranes, hoists and moving machinery travelling along fixed tracks.

## CONTROL APPLICATION

Typical for flatform cable showing a mobile plug and socket or terminal box.



## POWER APPLICATION

Typical for flatform cable showing tow arm and towing trolley arrangement.

## ENCLOSED TRACK FESTOON SYSTEMS

### Track Profile

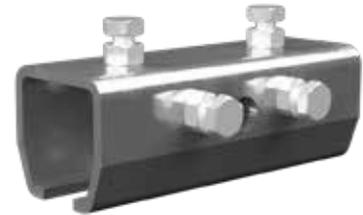
Supplied in either  
3m or 5m lengths.

Part No:  
100/3-MZ - 3 Metre  
100/5-MZ - 5 Metre



### Splice Joint

Part No: 1103



### Ceiling Support Bracket

Part No: 102



### Ceiling Support Bracket (With Fixings)

Part No: 102 SB50



### Single Fix Support

Part No: 104



### Single Fix Support (For Cantilevers)

Part No: 104/4



### End Stop

Part No: 100P



### End Cap Plug

Part No: 100ECP



**All Steel Flat  
Cable Trolley**

Part No: 100/137



**Steel Flat Cable  
Trolley with Plastic  
Cable Clamp**

Part No: 100/137-PR



**All Plastic Flat  
Cable Trolley**

Part No: 100/50N



**Towing Attachment**

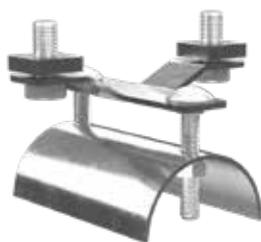
To be added to any of the standard festoon trolleys to provide a tow arm facility.

Part No: 100TA/S



**All Steel End Clamp**

Part No: 100/137E



**Steel End Clamp  
with Plastic  
Cable Clamp**

Part No: 100/137-PR



## ENCLOSED TRACK FESTOON SYSTEMS

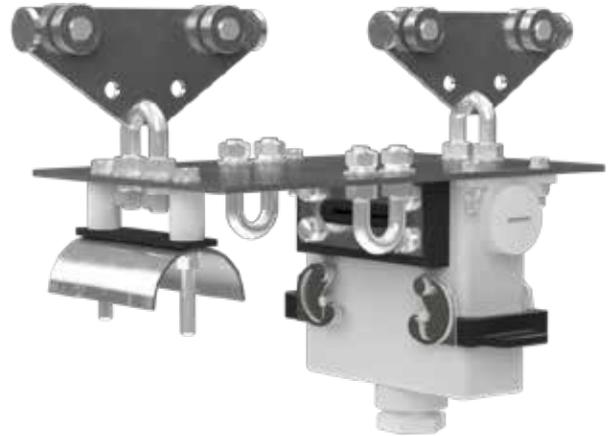
### Mobile Plug & Socket

These simplified and compact units provide a quick and easy solution for changing cables on site for both 16 or 24 terminals. The plug socket has an opening for the standard 60 × 20mm cable stack.

Part No:

16 Way MPS100/16

24 Way MPS100/24



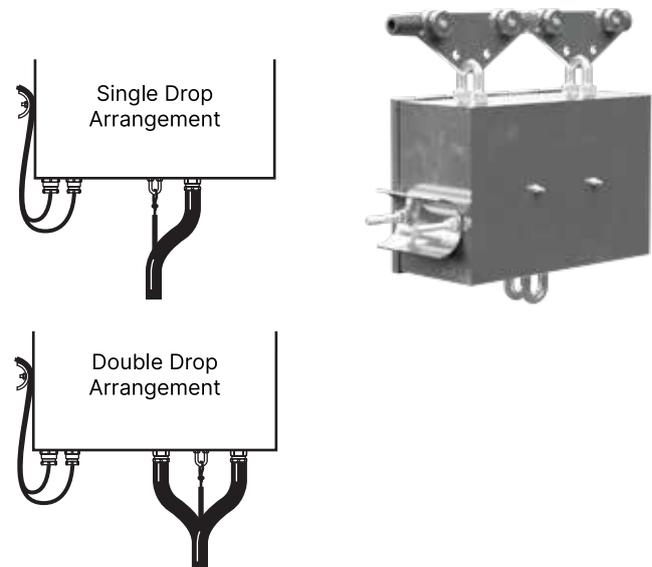
### Mobile Pendant Terminal Box

Our range of mobile pendant terminal boxes and associated components have been developed specifically for cranes requiring remote pendant control. Available for single drop or double drop to accommodate 1 or 2 pendant suspension cables. Single drop has the facility for one cable gland and 12 terminals whilst double drop has the facility for two cable glands and 24 terminals.

Part No:

Single MPB100/S

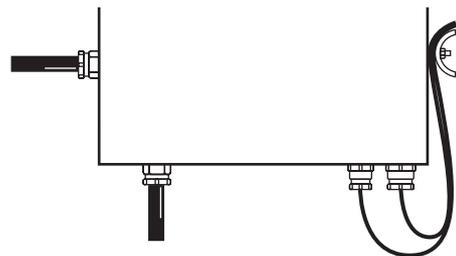
Double MPB100/D



### Track Mounted Terminal Box

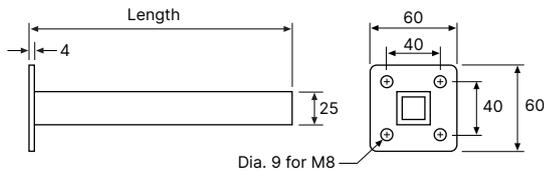
The track mounted terminal box provides a simple means of connecting platform cable at the end of the festoon system, to the main supply.

Part No: TMB100



### Tow Arm

Length Part No:  
 500mm TA500  
 750mm TA750



### Joist Clip Set

Comprising Clip, Bolt, Washer & Square Nut.  
 Usually two sets required per clamping position.



Part No	JC840				JC850		
	M8 × 40				M8 × 50		
Thickness (T)	4	6	8	10	12	16	20
Height (H)	31	32	33	34	35	37	40

### Cantilever Track Assemblies

Cantilever track assemblies provide an economical installation method, where the festoon systems are mounted alongside existing beam structures, for example, rolled steel joists and beams. The standard assemblies exclude the support brackets but include the supply of joist clips sets.



Part No	Profile	Mounting Style	Length (mm)
CTB100/TS	100	Top - Single	500
CTB100/TD	100	Top - Double	750

### Cantilever Track Only

In addition to the cantilever track assemblies above, we also offer short lengths of our track for you to make your own cantilever brackets.

Part No	Profile	Length (mm)
CTB100/0.5	100	500
CTB100/0.75	100	750
CTB100/1	100	1000



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