

# WIRE ROPE FESTOON SYSTEMS

FLAT CABLE KITS / ROUND CABLE KITS / AIR & HOSE KITS



SERIES

## APPLICATIONS:

**Industrial** Suitable for steel mills, water treatment, agricultural applications.

**Materials and Handling Systems** Suitable for overhead and gantry cranes, bulk material conveyors, and many more types of moving equipment.

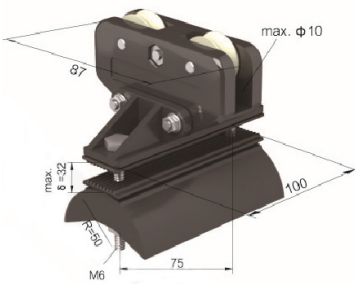
**Dairy** Suitable for outdoor power and control supplies for backing gates. Ideal for hose watering systems and farm drench systems.

**Safety** Keeping unwanted trip hazards off the ground.

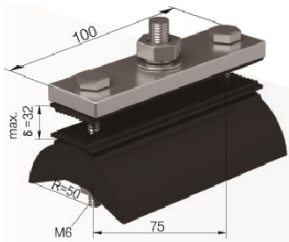
## PRODUCT FEATURES:

- ▶ UV Stabilised
- ▶ Galvanised /Stainless Steel hardware
- ▶ PA6 Wire rope nylon
- ▶ Indoor/outdoor use

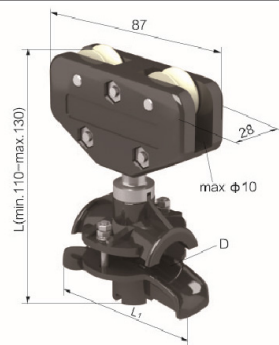
**IMPORTANT** Always use the recommended Firstflex Nylon Wire Rope when installing the Firstflex Festoon System.



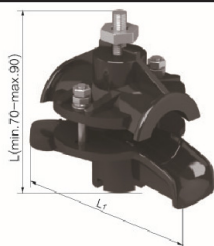
<b>Code</b>	<b>WR02/FMT Middle Trolley Flat</b>	
<b>Wheels</b>	Wheels: Plastic Temperature resistance: -30°C to +120°C Travelling speed: ca. 120m/min	
<b>Material</b>	Carrier body: Plastic Support saddle: Plastic Bumper: Neoprene	Dowal: Steel, galvanised Hardware: Galvanised / Stainless Steel Temperature resistance: -30°C to +80°C
<b>Max. cable load</b>	Max. 12kg	
<b>Dim. of cable (mm)</b>	Min. 15W x 5H Max. 75W x 50H	
<b>Weight (kg)</b>	0.20	



<b>Code</b>	<b>WR03/FET End Trolley Flat</b>	
<b>Material</b>	Carrier body: steel, galvanised Support saddle: Plastic Bumper: Neoprene	Hardware: Galvanised / Stainless Steel Temperature resistance: -30°C to +80°C
<b>Max. cable load</b>	Max. 12kg	
<b>Dim. of cable (mm)</b>	Min. 15W x 5H Max. 75W x 50H	
<b>Weight (kg)</b>	0.24	



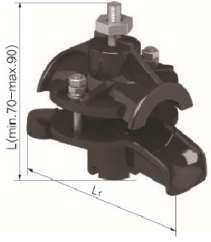
<b>Code</b>	<b>WR04/RMT Middle Trolley Round</b>	
<b>Wheels</b>	Wheels: Plastic Temperature resistance: -30°C to +120°C Travelling speed: ca. 120m/min	
<b>Material</b>	Carrier body: Plastic Support saddle: Plastic Dowal: Steel, galvanised	Hardware: Galvanised / Stainless Steel Temperature resistance: -30°C to +100°C
<b>Max. cable load</b>	Max. 8kg	
<b>Dim. of cable (mm)</b>	Min. 10mm Max. 30mm	
<b>L1(mm)</b>	77	
<b>Weight (kg)</b>	0.17	



<b>Code</b>	<b>WR05/RET End Trolley Round</b>	
<b>Material</b>	Support saddle: Plastic Hardware: Galvanised / Stainless Steel	Temperature resistance: -30°C to +120°C
<b>Max. cable load</b>	Max. 8kg	
<b>Dim. of cable (mm)</b>	Min. 10mm Max. 30mm	
<b>L1(mm)</b>	77	
<b>Weight (kg)</b>	0.06	



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<b>Code</b>	<b>WR06/RPBT PB Trolley Round when an extra cable is required</b>	
<b>Material</b>	Support saddle: Plastic	Temperature resistance: -30°C to +120°C
	Hardware: Galvanised / Stainless Steel	
<b>Max. cable load</b>	Max. 8kg	
<b>Dim. of cable (mm)</b>	Min. 10mm Max. 30mm	
<b>L1 (mm)</b>	77	
<b>Weight (kg)</b>	0.06	



<b>Code</b>	<b>WR01/WR6 Nylon/Galv Wire Rope</b>	
<b>Material</b>	Transparent nylon-covered, steel galvanised	
<b>Max. tensile strength</b>	1000Nm	
<b>Dim. (mm)</b>	D = $\Phi$ 6.8mm	
<b>Weight (kg/m)</b>	0.18	



<b>Code</b>	<b>WR07/BS Ball Stop</b>	
<b>Material</b>	Rubber	
<b>Dim.</b>	1½" (3.81mm) with 0.3" (0.76mm) central hole	



<b>Code</b>	<b>WR10/TB Thimble</b>	
<b>Material</b>	Steel, galvanised	



<b>Code</b>	<b>WR09/EB Eyebolt</b>	
<b>Material</b>	Steel, galvanised	
<b>Dim.</b>	¾" x 6" long (0.95mm x 15.24mm)	



<b>Code</b>	<b>WR08/RC Wire Rope Clip</b>	
<b>Material</b>	Steel, galvanised	

# FIRSTFLEX WIRE ROPE TROLLEY SYSTEM ENQUIRY FORM

Attn: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_ Contact: \_\_\_\_\_

Ph/Fax: \_\_\_\_\_ Email: \_\_\_\_\_

APPLICATION: \_\_\_\_\_

OPERATING CONDITIONS: Environment:  Indoor  Outdoor  Hose

CORROSIVES (PLEASE LIST): \_\_\_\_\_

## SYSTEM PARAMETERS:

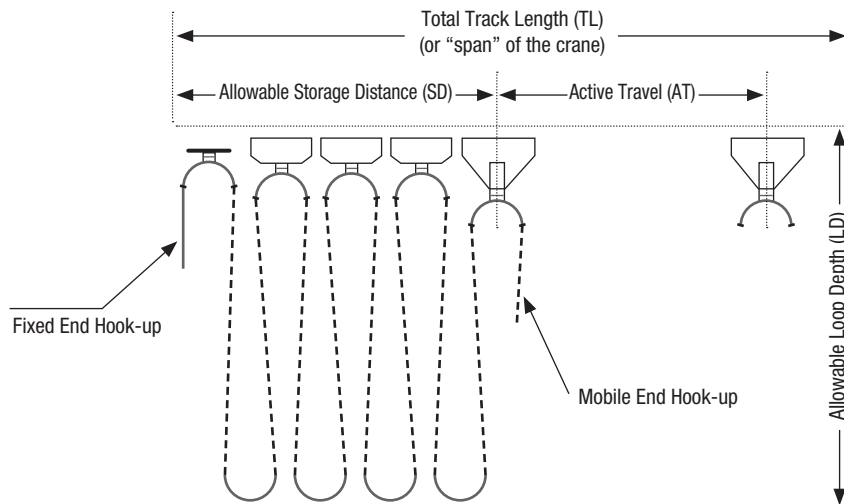
Travel Speed (eg walking): \_\_\_\_\_

Type of Festoon System:  Power  Control  Power and Control

Cable Specification:  Flat  Round

Cable Sizes: (eg. cores, conductors) \_\_\_\_\_

## SYSTEM DIMENSIONS:



### System Dimensions (circle units of measure used):

TL \_\_\_\_\_ ft m

AT \_\_\_\_\_ ft m

LD \_\_\_\_\_ ft m

SD \_\_\_\_\_ ft m

Fixed End Hook-up \_\_\_\_\_ ft m

Mobile End Hook-up \_\_\_\_\_ ft m

### Trolley System with 75cm loop depth

System length MTR	Middle Trolleys	End Trolleys	Storage Distance MTR	Active Travel MTR	Wire Rope MTR
10	7	2	0.63	9.37	12
15	10	2	0.90	14.10	17
20	14	2	1.26	18.74	22
30	20	2	1.80	28.20	32
40	27	2	2.43	37.57	42
50	34	2	3.06	46.94	52
60	40	2	3.60	56.40	62
70	47	2	4.20	65.80	72
80	53	2	4.80	75.20	82
90	60	2	5.40	84.60	92
100	67	2	6.00	94.00	102

## INSTALLATION TIPS:

- Recommended loop depth is 75cm to 100cm.
- Keep in mind the systems lengths, storage distance and active travel distance. (refer to the table on the right for trolley system with 75cm loop depth)
- Recommended slack between wire rope and cable should be no less than 30cm when fully extended. (see example below)
- Keep in mind your cable length required for fixed end and mobile end connection.
- Use the recommended Firstflex Nylon Wire Rope when installing the Firstflex trolleys.
- Fill out the above Firstflex enquiry form to make ordering easy.



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