

WIRE ROPE FESTOON SYSTEMS

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

WR

SERIES

APPLICATIONS:

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

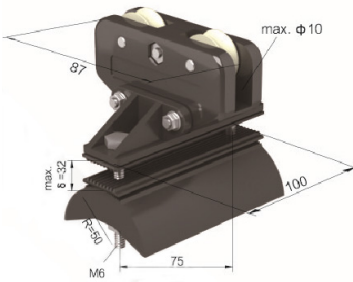
Materials and Handling Systems Suitable for overhead and gantry cranes, bulk material conveyors, and many more types of moving equipment.

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

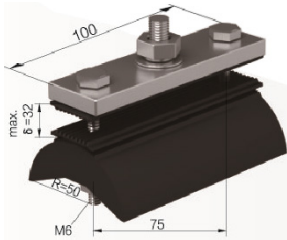
Safety Keeping unwanted trip hazards off the ground.

PRODUCT FEATURES:

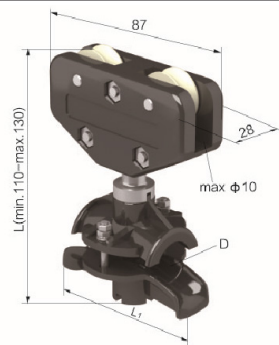
- ▶ UV Stabilised
- ▶ PA6 Wire rope nylon
- ▶ Galvanised hardware
- ▶ Indoor/outdoor use



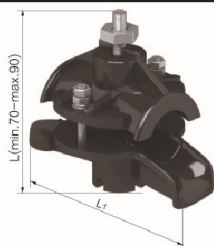
| | | |
|---------------------------|--|--|
| Code | WR02/FMT Middle Trolley Flat | |
| Wheels | Wheels: Plastic Temperature resistance: -30°C to +120°C Travelling speed: ca. 120m/min | |
| Material | Carrier body: Plastic Support saddle: Plastic Bumper: Neoprene | Dowal: Steel, galvanised Hardware: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



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



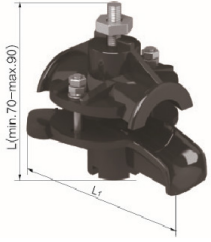
| | | |
|---------------------------|--|---|
| Code | WR04/RMT Middle Trolley Round | |
| Wheels | Wheels: Plastic Temperature resistance: -30°C to +120°C Travelling speed: ca. 120m/min | |
| Material | Carrier body: Plastic Support saddle: Plastic Dowal: Steel, galvanised | Hardware: Galvanised Temperature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



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



Firstflex has taken every precaution to ensure accurate information in this catalogue but accept no liability for any errors or omissions. Firstflex reserves the right to modify specifications at any time.



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



| | | |
|------------------------------|---|--|
| Code | WR01/WR6 Nylon/Galv Wire Rope | |
| Material | Transparent nylon-covered, steel galvanised | |
| Max. tensile strength | 1000Nm | |
| Dim. (mm) | D = Ø6.8mm | |
| Weight (kg/m) | 0.18 | |



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



| | | |
|-----------------|------------------------|--|
| Code | WR10/TB Thimble | |
| Material | Steel, galvanised | |



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



| | | |
|-----------------|-------------------------------|--|
| Code | WR08/RC Wire Rope Clip | |
| Material | 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:

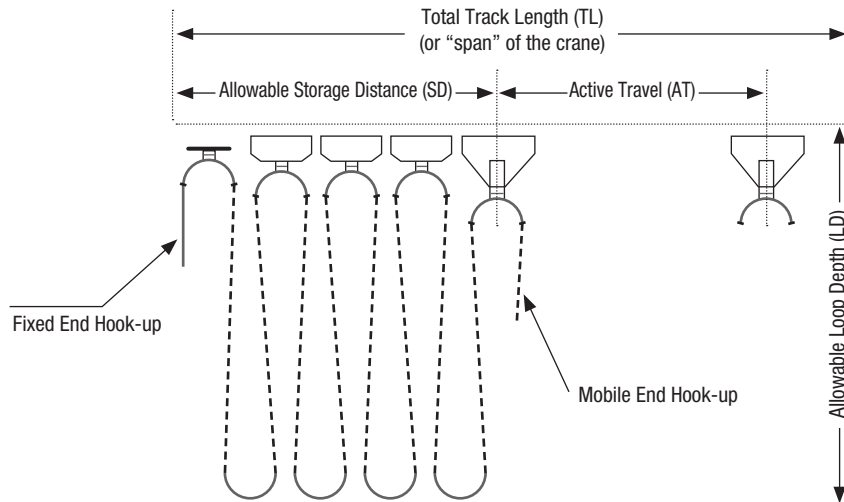
Travel Speed (eg walking): _____

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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