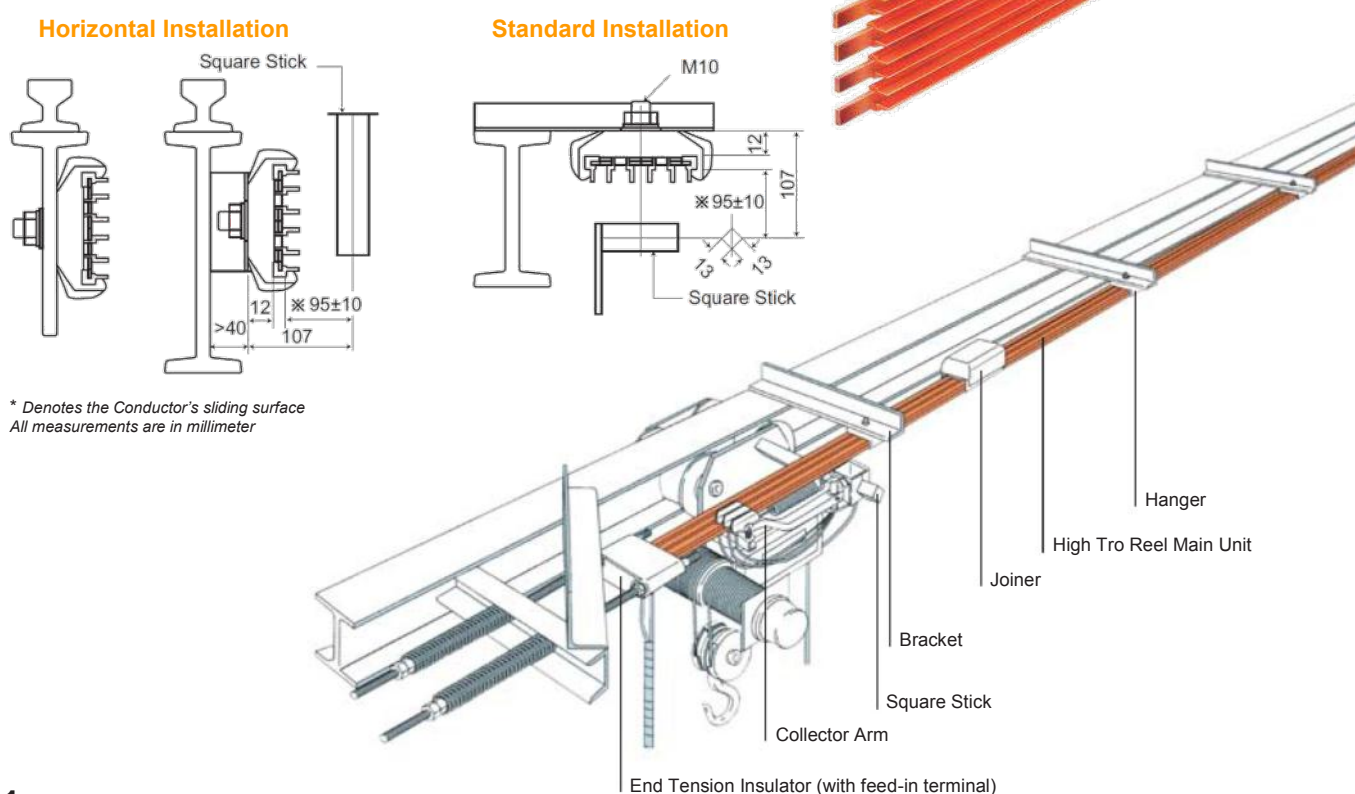


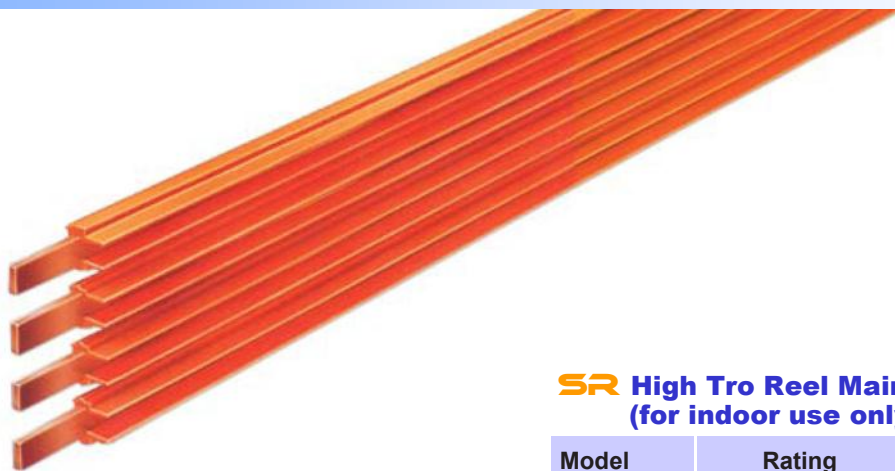
Insulated Trolley System Highly Reliable Power & Data Transmission System For Moving Equipment Line

An ideal mobile power feeding for hoists, cranes, warehousing, auto conveyors, power tools, machine tools, assembly and test lines and many other applications.

- **High Tro Reel**
A multi-lead insulated trolley wiring system for mobile equipment (indoor application only).
- **Jointless**
The conductor system can be setup to 800M without joint.
- **Perfect for curved and endless lines**
Minimum radius as tight as 800mm.
- **High travel speed**
Up to 300m/min for Tension Type.
Up to 120m/min for Non-Tension Type.
- **Optimal contact**
The flat smooth copper surface guarantee an optimal contact with the carbon brush providing uninterrupted feed at all time.
- **Variety**
Available in 3P, 4P and 6P at 75A, 100A and 150A.
- **Virtually maintenance free**
Merely need to change the carbon brush upon reaching service life of 5000km.
- **Compact and easy to install**
The multi-lead system allows setup even in confined space. Simply snap the main unit onto the hanger, this reduces installation time to one third as compared to Tro Reel Insulated system.
- **Power Supply and Control Commands transmitted simultaneously**
- **Future expansion / extension**
Simply by adding joiner.

Ideal for supplying power to confined space





SR High Tro Reel Main Units (for indoor use only)

Rating	4P, 6P; 75A, 100A, 150A
Conductor materials	75A: Copper (20mm ²) 100A: Copper (26mm ²) 150A: Copper (32mm ²)
Insulating sheath material	Rigid PVC (heat resistance: 75°C) Amber (hazard color)

Model	Rating		Length (max.)	Weight (kg)
STH4751	4P	75A 600V	800m	1.4 / m
STH6751	6P	75A 600V	800m	1.8 / m
STH4761	4P	100A 600V	800m	1.5 / m
STH6761	6P	100A 600V	800m	2.1 / m
STH4771	4P	150A 600V	800m	2.1 / m

SR End Tension Insulator (with feed-in terminal)



Attached to both end of the High Tro Reel unit to absorb expansion and contraction due to temperature fluctuations.

Model	Rating	Weight (kg)
STH4001	4P 75A, 100A, 150A 600V	2.2
STH6001	6P 75A, 100A, 150A 600V	2.6

SR Hanger



Hanger fittings are used to attach the High Tro Reel units to a building structure. Same as the non-tension type.

Model	Rating	Weight (kg)
STH4003	4P	0.07
STH6003	6P	0.09

SR Collector Arm



Attached to the moving equipment and used to supply power from the High Tro Reel unit to the equipment.

Single Arm Type

Model	Rating	
STH0130K	4P	30A 600V
STH6130K	6P	30A 600V
STH0160K	4P	60A 600V
STH6160K	6P	60A 600V



Double Arm Type

Model	Rating	
STH0130D	4P	30A 600V x 2
STH6130D	6P	30A 600V x 2
STH0160D	4P	60A 600V x 2
STH6160D	6P	60A 600V x 2

SR Square Stick



To hold the collector arm.

Model	Measurement
STH0213	13 x 13 x 250mm

SR Collector (replacement part)



Replace collectors when they are worn down to the replacement indication line. (approx. 5000km).

Model	Rating
STH0030	1P 30A 600V
STH0060	1P 60A 600V

SR Center Feed-in Joiner



Used to connect High Tro Reel units. Can also supply power from anywhere on the line.

Model	Rating	Weight (kg)
STH4002	4P 75A, 100A, 150A 600V	0.35
STH6002	6P 75A, 100A, 150A 600V	0.4

SR Center Feed-in Joiner



Used to supply power. Also used to connect the High Tro Reel units.
Note : Cannot be used as an end feed.

Model	Rating	Weight (kg)
STH4004	4P 60A 600V	0.46
STH6004	6P 60A 600V	0.66

SR Center Feed-in Joiner (side-cable type)



Used to supply power. Also used to connect the High Tro Reel units.
Note : Cannot be used as an end feed.

Model	Rating	Weight (kg)
STH4005	4P 60A 600V	0.46
STH6005	6P 60A 600V	0.66

SR Joiner



The High Tro Reel units are connected at intervals of 3m. Joiner are allowed for expansion and contraction of the units due to temperature fluctuations.

Model	Rating	Weight (kg)
STH4006	4P 75A, 100A, 150A 600V	0.26
STH6006	6P 75A, 100A, 150A 600V	0.66

SR Guide Cap (right-angle cut)



To guide the collector arms from one straight section to another via turntables and traversers. Can be used as an end cap.

Model	Rating	Weight (kg)
STH4007	4P	0.06
STH6007	6P	0.09

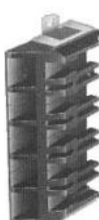
SR Guide Cap (protrusive 45° cut)



To guide the collector arms from one curved section to another via traverser. The end is a front-facing 45° angle.

Model	Rating	Weight (kg)
STH4008	4P	0.09
STH6008	6P	0.13

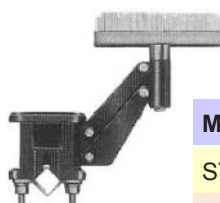
SR Guide Cap (withdrawn 45° cut)



To guide the collector arms from one curved section to another via traverser. The end is rear-facing 45° angle.

Model	Rating	Weight (kg)
STH4009	4P	0.09
STH6009	6P	0.13

SR Conductor Cleaner



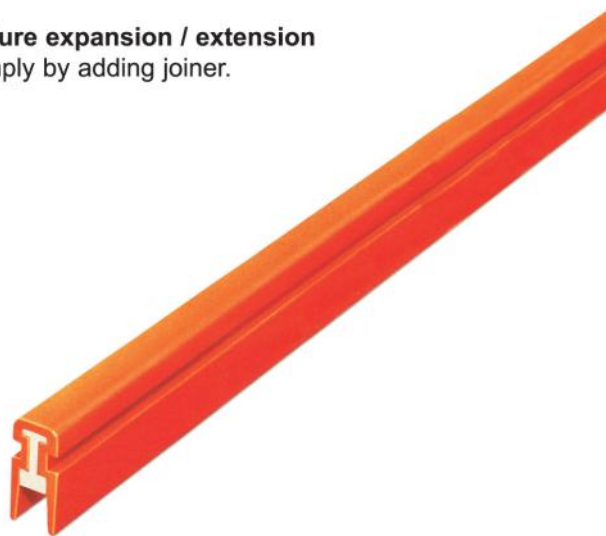
This nylon brush is used to clean the conductor surface of the High Tro Reel units.

Model	Rating	Weight (kg)
STH4010	4P	0.44
STH6010	6P	0.66

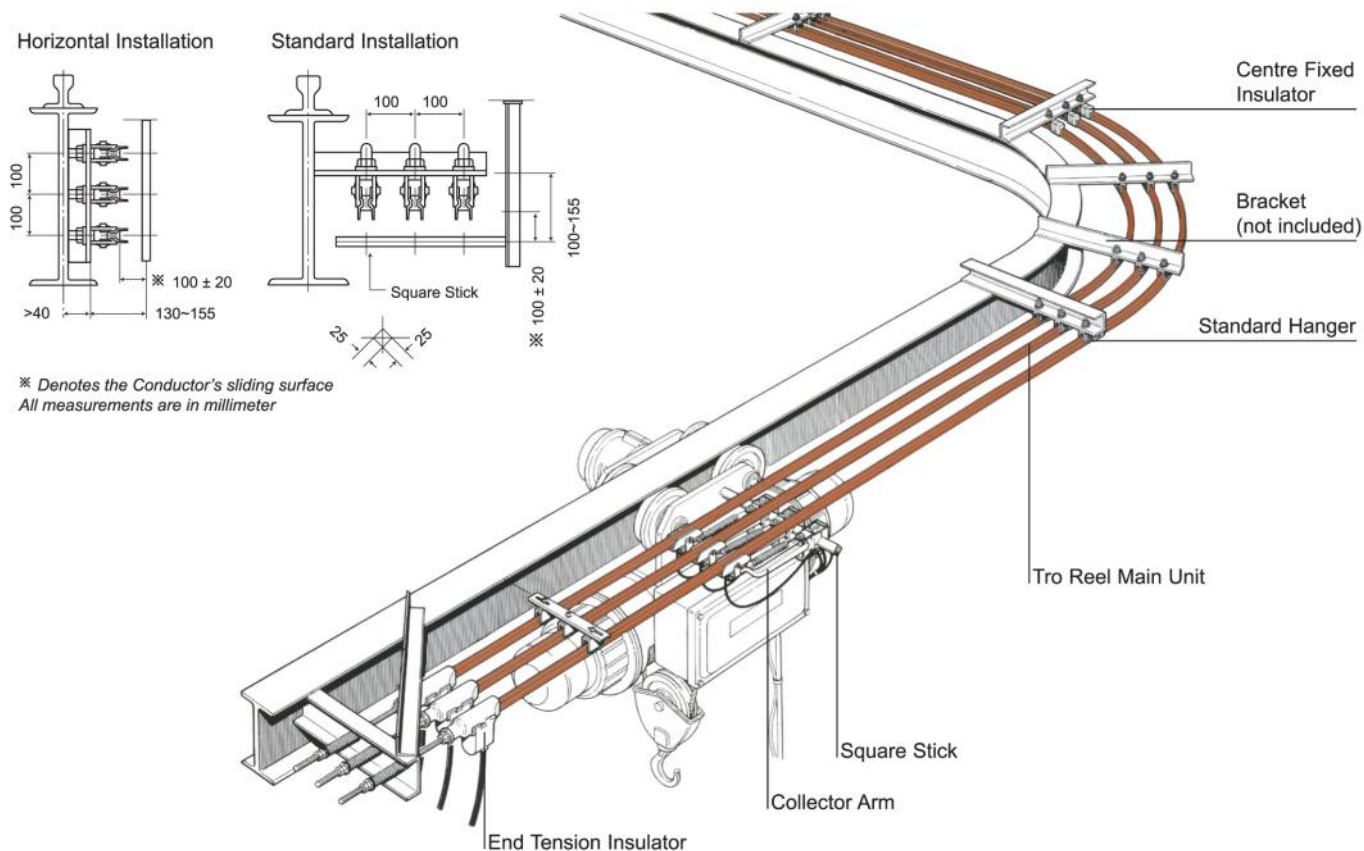
Insulated Trolley System Highly Reliable Power & Data Transmission System For Moving Equipment Line

An ideal mobile power feeding system for indoor and outdoor application.

- **Tro Reel**
A single-lead 200A insulated trolley wiring system for mobile equipment.
- **Jointless**
The conductor system can be setup to 800M without any joint.
- **Perfect for curved and endless lines**
Minimum radius as tight as 800mm
- **High travel speed**
Up to 300M/min
- **Optimal contact**
The flat smooth copper surface guarantee an optimal contact with the carbon brush providing uninterrupted feed at all time.
- **Virtually maintenance free**
Merely need to change the carbon brush upon reaching service life of 5000km.
- **Future expansion / extension**
Simply by adding joiner.



Jointless installation of up to 800m





SR Tro Reel Main Units (for indoor & outdoor use)

Rating	1P 600V 200A
Conductor materials	Copper (46mm ²)
Insulating sheath material	Rigid PVC (heat resistance : 75°C) Amber (hazard color)

Model	Rating	Length (max.)	Weight (Kg)
STH1201	1P 200A 600V	800m	0.64 / m

SR End Tension Insulator (with feed-in terminal)



This insulator applies tension to the end of the Tro Reel to absorb expansion and contraction due to temperature fluctuation. A feed-in terminal is provided for power input.

Model	Rating	Weight (Kg)
STH1001	1P 200A 600V	0.75

SR Hanger with Insulator



Used to attach the Tro Reel units to a building structure. Especially effective for installation outdoor and in dusty place.

Model	Rating	Weight (Kg)
STH1004	1P	0.17

SR Intermediate Tension Insulator



Used for intermediate tension support on circular lines and straight lines longer than 100m. It absorbs expansion and contraction due to temperature fluctuations.

Model	Rating	Weight (Kg)
STH1005	1P 200A 600V	0.75

SR Collector Arm



Attached to the moving equipment and used to supply power from the Tro Reel unit to the equipment.

Model	Rating	Weight (Kg)
STH0110	1P 100A 600V	1.1

SR Hanger



This hanger is a support bracket used to attach the Tro Reel units to a building structure.

Model	Rating	Weight (Kg)
STH1003	1P	0.12

SR Square Stick



To hold the collector arm.

Model	Measurement
STH0225	25 x 25 x 400mm

SR Horizontal Balancer



To install at the collector arm, when horizontal installation apply.

Model	Weight (Kg)
STH1006	0.66

SR Insulating Piece



Used for electrical circuit separation.

Model	Rating	Weight (Kg)
STH1009	For 200A	0.13

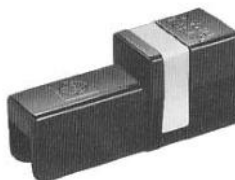
SR Center Feed-in Joiner



To feed power from anywhere on the line and connect the Tro Reel units.

Model	Rating	Weight (Kg)
STH1002	1P 200A 600V	0.75

SR Guide Cap



This guide cap guides the collector arm during transfers via turntables, traversers and similar application.

Model	Rating	Weight (Kg)
STH1010	For 200A	0.7

SR Center Fixed Insulator



When the Tro Reel is installed along a horizontal curve, this insulator is attached between the straight section and curved section to apply tension to the straight section.

Model	Rating	Weight (Kg)
STH1008	For 200A	0.06

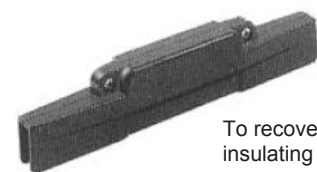
SR Collector (replacement part)



Replace collectors when they are worn down to the replacement indication line. (approx. 5000km).

Model	Rating
STH1007	1P 100A 600V

SR Sheath Repair Cover



To recover Tro Reel main unit insulating sheath.

Model	Recovery Distance
STH1011	80mm

Erosion-Resistant Trolley System Highly Reliable Power & Data Transmission System For Mobile Equipment Line

An ideal mobile power feeding system for indoor and outdoor application.

Tro Reel V-Type

Single-lead 320A/520A/800A insulated trolley wiring system for mobile equipment.

Conductor Rail

Made of aluminum and edged with stainless steel contact surface which resist erosion and oxidation, suitable for use in damp environment.

High Travel Speed

Up to 300M/min.

Optimal Contact

The V-shaped surface automatically aligns and guarantee an optimal contact with the carbon brush upon reaching service life of 5000km.

Virtually Maintenance Free

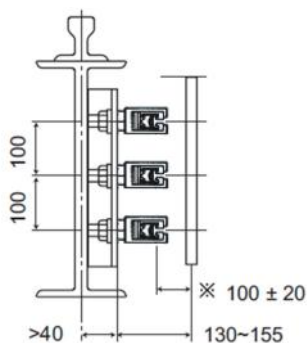
Merely need to change the carbon brush upon reaching service life of 5000km.

Future Expansion / Extension

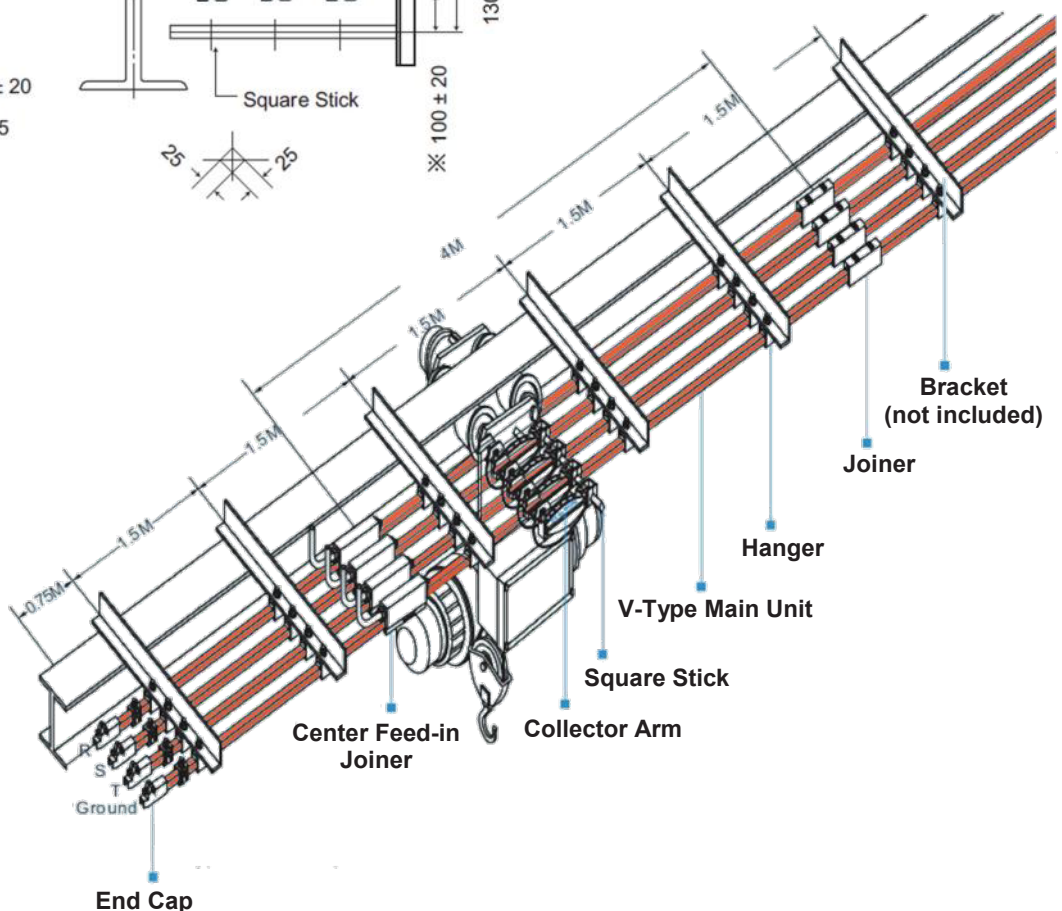
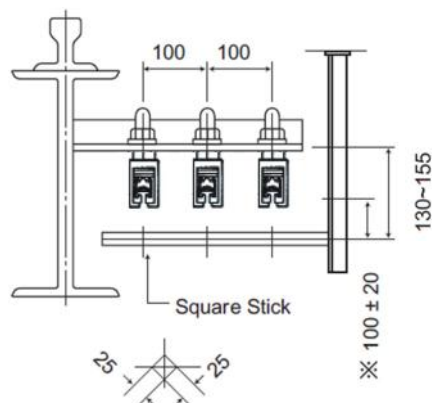
Simply by adding joiner.



Horizontal Installation



Standard Installation





SR Tro Reel V-Type Main Unit
(for indoor & outdoor use)

Model	Rating	Rail Length
STH13201	1P 600V 320A	4000mm
STH15201	1P 600V 520A	4000mm
STH18001	1P 600V 800A	4000mm

SR Hanger Clamp



Model	Rating
STH13202	For 320A
STH15202	For 520A
STH18002	For 800A

SR Connector



Model	Rating
STH13203	1P 320A
STH15203	1P 520A
STH18003	1P 800A

SR Power Feed



Model	Rating
STH13204	1P 320A
STH15204	1P 520A
STH18004	1P 800A

SR End Cap



Model	Rating
STH13205	For 320A
STH15205	For 520A
STH18005	For 800A

SR Anchor Clamp



Model	Rating
STH13206	For 320A
STH15206	For 520A
STH18006	For 800A

SR Connector Shoe



Model	Rating
STH13207	1P 100A
STH15207	1P 200A
STH18007	1P 250A

SR Collector



Model	Rating
STH13208	1P 100A
STH15208	1P 200A
STH18008	1P 250A

SR Square Stick



Model	Rating
STH13209	For 320A
STH15209	For 520A
STH18009	For 800A



SR Power Collector System

The SR Power Collector systems provides a economical means of supplying power to pallet conveyor.

Features

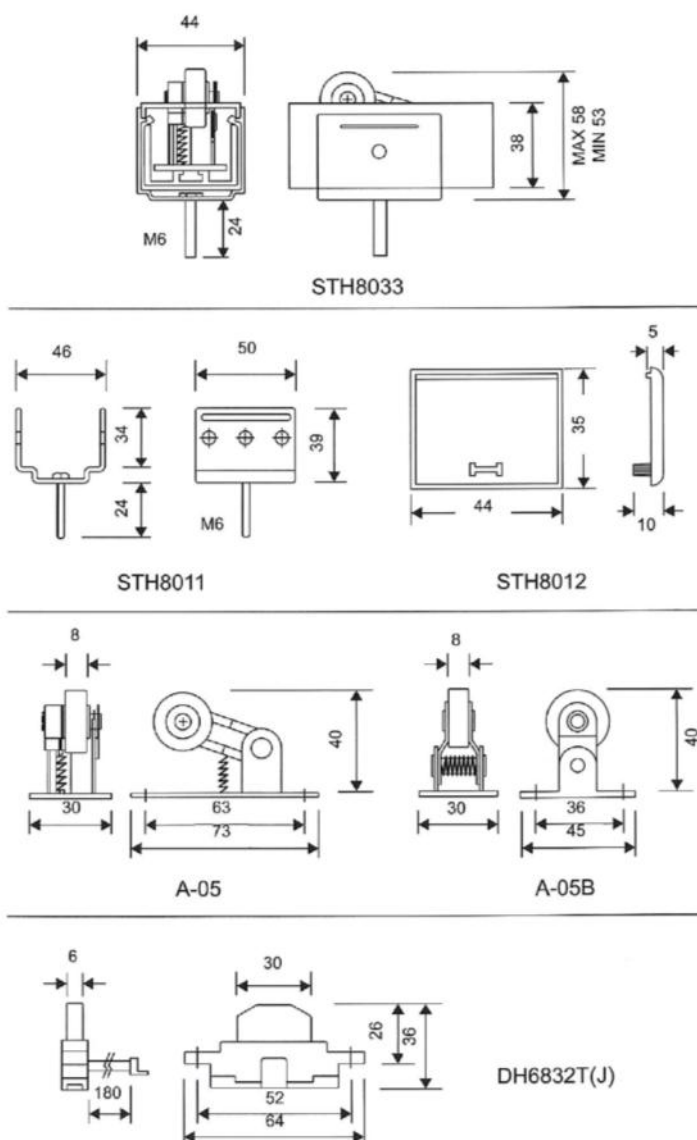
- Reliable
- Simple to install or modify
- Minimum maintenance



Specification

Voltage	AC 600V
Current	4A, 6A, 15A, 5A
Insulation Resistant	100M ohm
Withstanding Voltage	1500V for one minute
Temperature Increase	60° or less
Ambient Temperature	-10°C ~ 50°C
Ambient Humidity	80% or less
Life	3000 km
Collector Speed	20 m/min or less
Collector Pitch	100, 150 or 200mm

Dimension



Model	Description
STH8033	Power Duct 300A L:3000mm
STH8011	Hanger
STH8012	End Cap
STH8013	Joiner
A-05	Roller Collector 1P 6A
A-05B	Roller Collector 1P 4A
DH6832T(J)	Collector Block 1P 15A
DH6821K(J)	Collector Block 1P 5A

SR Cable Chain (Light Type)

Main Unit		Mouting Bracket
Model	(Inner Height x Inner Width x Radius)	Model
SCC-L4	17mm x 26mm x R50	SCC-L4-MB
SCC-L6	17mm x 53mm x R50	SCC-L6-MB



SR Cable Chain (Medium Type)

Main Unit		Mouting Bracket
Model	(Inner Height x Inner Width x Radius)	Model
SCC-M5	25mm x 56mm x R95	SCC-M5-MB
SCC-M7	25mm x 79mm x R95	SCC-M7-MB
SCC-M10	25mm x 98mm x R95	SCC-M10-MB

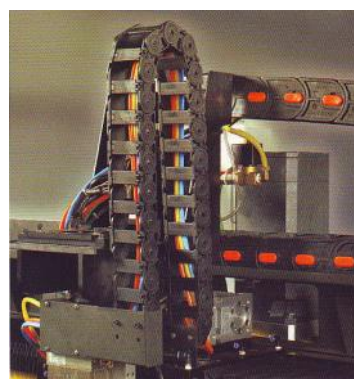


SR Cable Chain (Heavy Type)

Main Unit		Mouting Bracket
Model	(Inner Height x Inner Width x Radius)	Model
SCC-H8	58mm x 65mm x R200	SCC-H8-MB
SCC-H11	58mm x 100mm x R200	SCC-H11-MB
SCC-H14	58mm x 150mm x R200	SCC-H14-MB
SCC-H17	58mm x 190mm x R200	SCC-H17-MB
SCC-H20	58mm x 250mm x R200	SCC-H20-MB
SCC-H23	58mm x 303mm x R200	SCC-H23-MB



APPLICATION :





SR Festoon System

SR C-Track festoon systems provide a safe, effective and economical means of supplying power to cranes, hoists and moving machinery traveling along fixed tracks.

Features

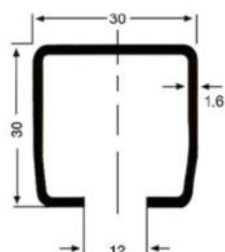
- Safe and reliable
- Simple to install or modify
- Enclosed self cleaning track
- Minimum maintenance

SR Festoon System

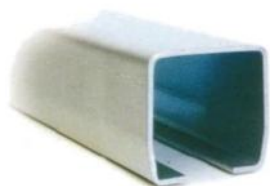
Model	Descriptions
SCH0011	C-Track (L:4000mm)
SCH0020	Steel Cable Trolley
SCH0021	PVC Cable Trolley
SCH0030	Track Support
SCH0040	Track Coupler
SCH0050	Terminal Box
SCH0060	Towing Trolley
SCH0061	End Cable Clamp
SCH0062	End Cap
SCH0065	End Stopper

SR Stainless Steel Festoon System

Model	Descriptions
SCH0011S	C-Track (L:3000mm)
SCH0020S	Steel Cable Trolley
SCH0030S	Track Support
SCH0040S	Track Coupler
SCH0060S	Towing Trolley
SCH0061S	End Cable Clamp



SCH0011
C-Track 4000mm



SCH0030
Track Support



SCH0040
Track Coupler



SCH0020
Steel Cable Trolley



SCH0021
PVC Cable Trolley



SCH0061
End Cable Clamp



SCH0060
Towing Trolley



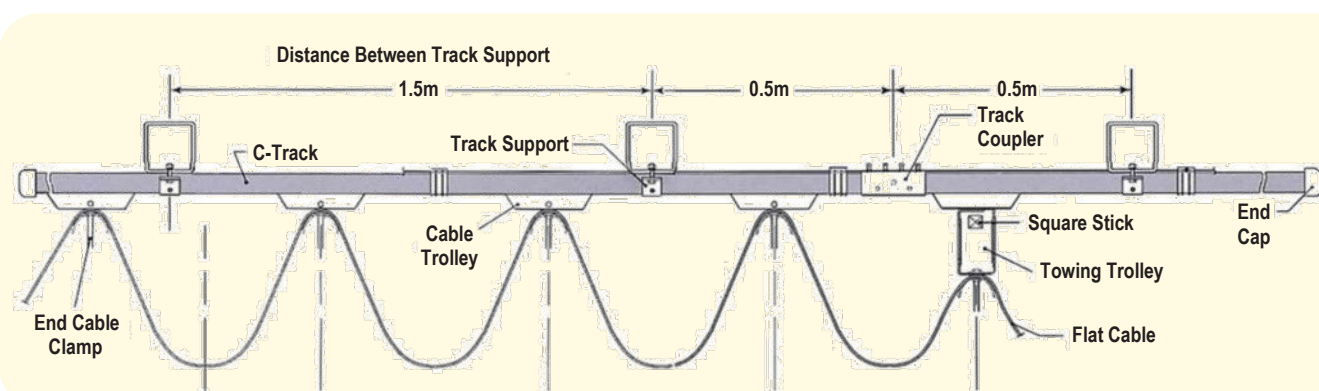
SCH0062
End Cap



SCH0050
Terminal Box



STH0213
Square Stick





SR U-Type PVC Trolley

Model	Descriptions
SCH0080	U-Type PVC Trolley (75~100mm)
SCH0081	U-Type PVC Trolley (125~150mm)



SR Pendant Control (Single Speed)

Model	Descriptions
COB-61	2 Button Single Speed
COB-62	4 Button Single Speed
COB-63	6 Button Single Speed
COB-124	8 Button Single Speed
COB-125	10 Button Single Speed
COB-122N	2 Button Single Speed + Emergency Stop
COB-123N	4 Button Single Speed + Emergency Stop
COB-124N	6 Button Single Speed + Emergency Stop
COB-125N	8 Button Single Speed + Emergency Stop



SR Pendant Control (Double Speed)

Model	Descriptions
COB121-1	2 Button Double Speed
COB122-2	4 Button Double Speed
COB123-3	6 Button Double Speed
COB124-4	8 Button Double Speed
COB125-5	10 Button Double Speed
COB122-3	2 Button Double Speed + Emergency Stop
COB123-2N	4 Button Double Speed + Emergency Stop
COB124N-3	6 Button Double Speed + Emergency Stop
COB125-6	8 Button Double Speed + Emergency Stop

SR PVC Roller Trolley

Model	Descriptions
SCH2070	PVC Roller Trolley



SR Control Cable with 1S Lift

Model	Specification
SCC125003	3C x 1.25mm
SCC125003-100	3C x 1.25mm x 100m
SCC125005	5C x 1.25mm
SCC125005-100	5C x 1.25mm x 100m
SCC125008	8C x 1.25mm
SCC125008-100	8C x 1.25mm x 100m
SCC125014	14C x 1.25mm
SCC125014-100	14C x 1.25mm x 100m



SR Flat Cable

Model	Specification
SFC250004	4C x 2.5mm
SFC250004-500	4C x 2.5mm x 500m
SFC400004	4C x 4mm
SFC400004-500	4C x 4mm x 500m
SFC600004	4C x 6mm
SFC600004-500	4C x 6mm x 500m
SFC100004	4C x 10mm
SFC100004-500	4C x 10mm x 500m
SFC150012	12C x 1.5mm
SFC150012-500	12C x 1.5mm x 500m



SR Round Cable

Model	Specification
SRC350004	4C x 3.5mm (Ø12.5mm, 0.3kg/m)
SRC550004	4C x 5.5mm (Ø15.8mm, 0.48kg/m)
SRC160004	4C x 16mm (Ø26mm, 1.15kg/m)
SRC250004	4C x 25mm (Ø31mm, 1.8kg/m)



Hoist & Winch Specialist

SR Commitment

We are committed to satisfying the needs of our customers for reliable and competitive products. Our highly skilled specialists are able to provide accurate diagnosis and professional advice.



SR Local Specialist

Our specialists are available in major town to cater to localized market. Talk to us, we will assist you in selecting the right model best suits your needs.*



24 Months Warranty

SR products come with 24 months warranty, consumable parts excluded.



48 Months "Peace Of Mind" Warranty (Optional)

SR "Peace Of Mind" warranty, include consumable parts & labour.



Local Service Center

Our highly skilled specialists are able to provide accurate diagnosis and professional advice when breakdown happen. *



48 Hours Repair

Maximize up time by completion of repair within 48 hours of carry-in to our Service Centre.



SR Genuine Parts

Quality assurance through the use of these original parts.



SR Convenient

SR Spare parts are available in major town with the option of carry-in or on-site repair. *

* Applicable in West Malaysia, East Malaysia, Singapore & Brunei.

e-Catalogue

