

Technic **2009-10**

E Technic



1 Track Systems

2 Curtain Systems

6 Stage Platform and Dance Floors

7 Truss Systems

9 Attachment Accessories and Clamps

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Information

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All information is valid at the time of printing.

For latest product details, please see the respective online data sheet.

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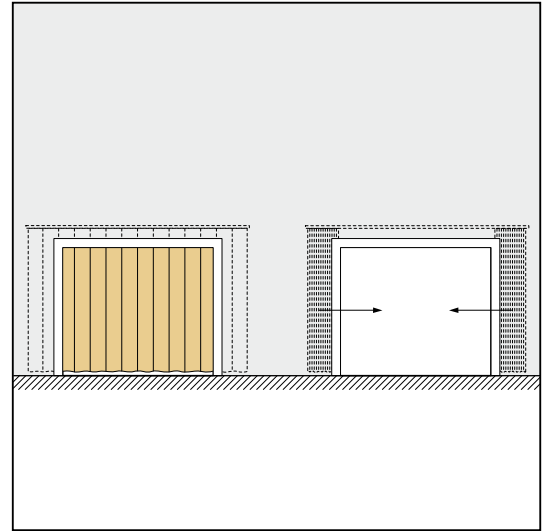
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Curtain Styles

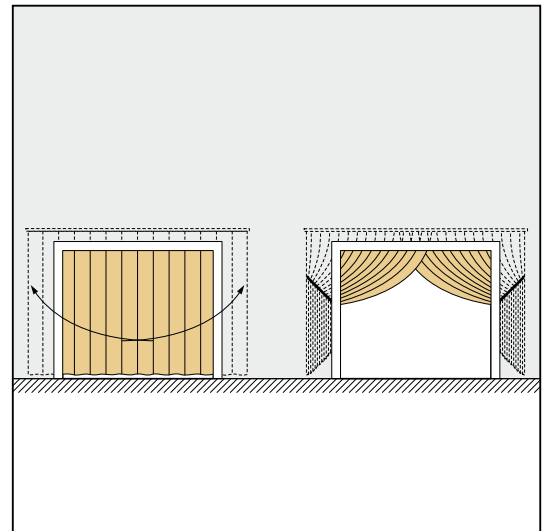
Traveler Curtain

Curtain bi-parts in the middle and opens horizontally.



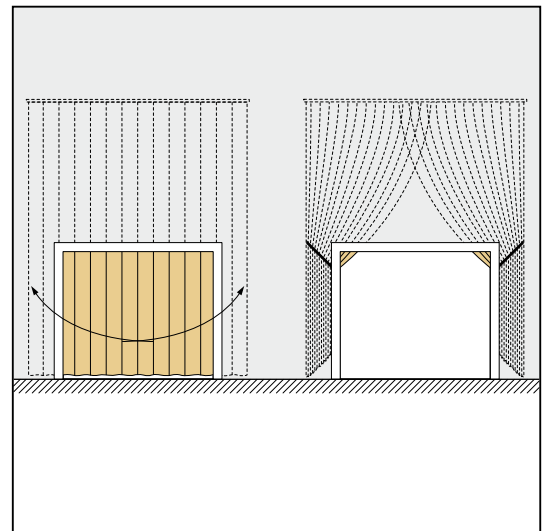
Tab Curtain

Curtain panels lifted diagonally to create two large swags.



Wagner Curtain

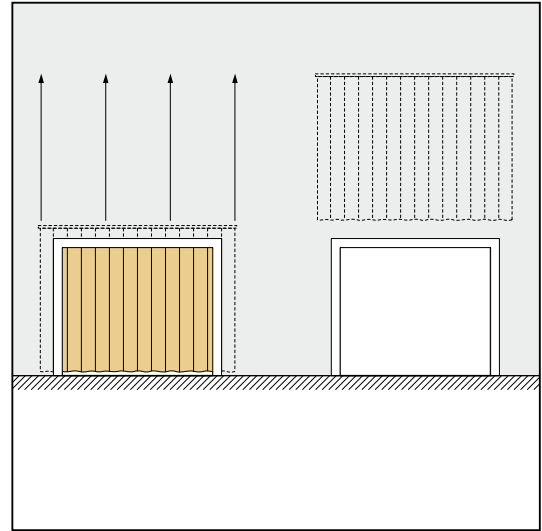
Curtain panels lifted diagonally to reveal two small swags at top corner of the proscenium arch.



Curtain Styles

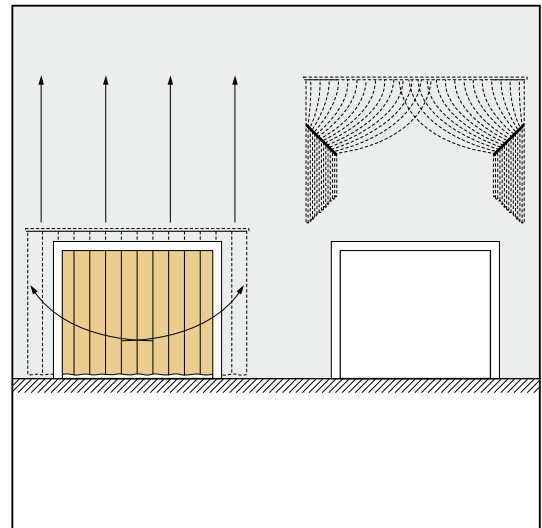
Guillotine Curtain

Curtain opens and closes by vertical movement only.



Combination Curtain

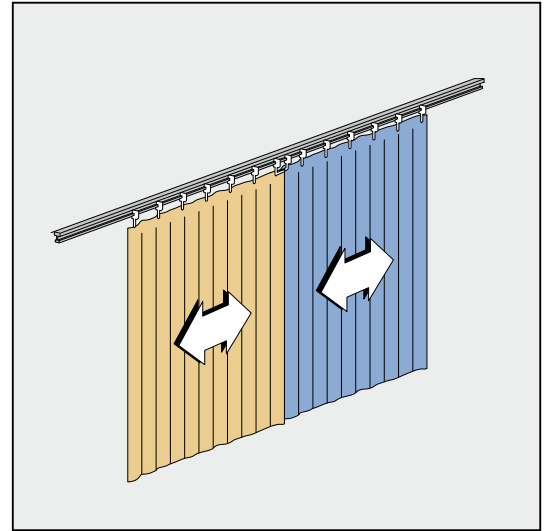
A combination of the Guillotine and the tab curtain style.



Cord Operated Systems

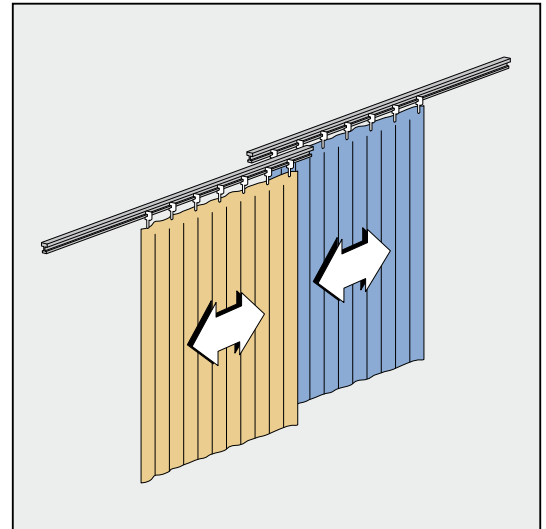
Single Track System

Curtain panels move along one single track.



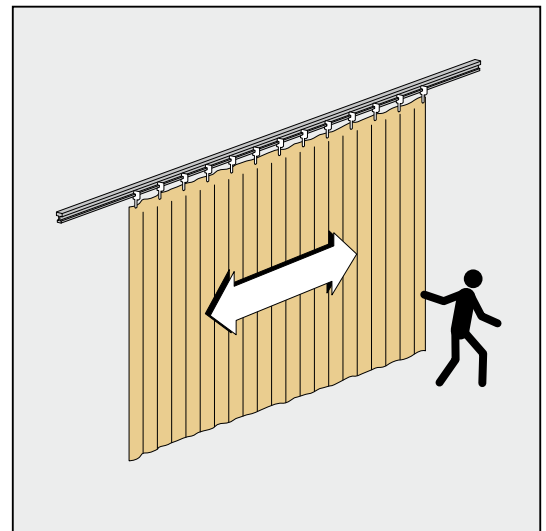
Double Track System

Each curtain panel moves along a separate single track that overlap in the center.



Walk-Along Track

Track system without motor operation. Manual opening and closing. The basic track system to move a curtain or scenery along the track.



Cord Operated Systems

Side Cord Operation

Cord is located at the side of the track.

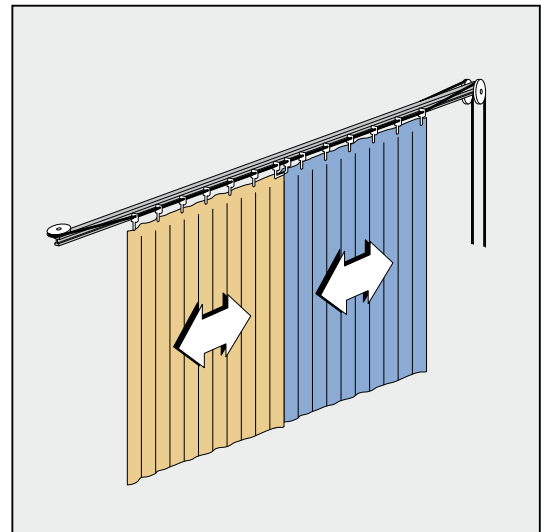
Available as a standard cord guide system for straight, single track systems KING, JOKER 95 und TRUMPF 95.

Side cord operation is used for low clearance installations. The system is lower and narrower than a top cord guide operated system.

Side cord operation is a basic and economical system.

Please note:

- Only for straight, single track applications up to 12 m
- Cord can only be supported on the return side (in case of a two section curtain = 1/2 track length / in case of a one section curtain = 1/2 track length).
- A curtain center overlap is possible by using overlap arms.



Special Features of KING

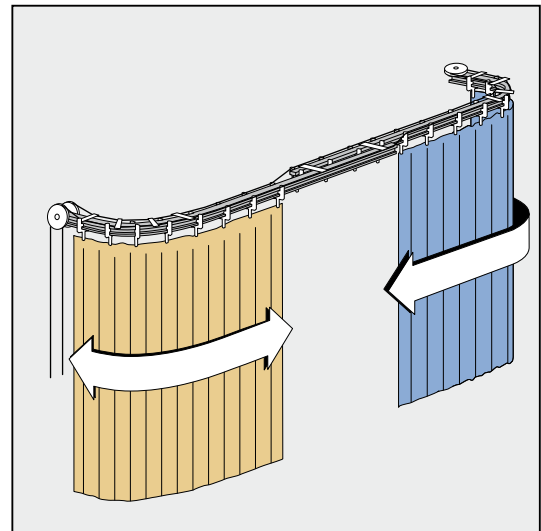
Special feature of KING: Independent movement of two master runners on both sides of one track.

Top Cord Operation

Cord moves along the top side of the track.

For use on straight and curved track systems (with or without center overlap).

No cord sag.



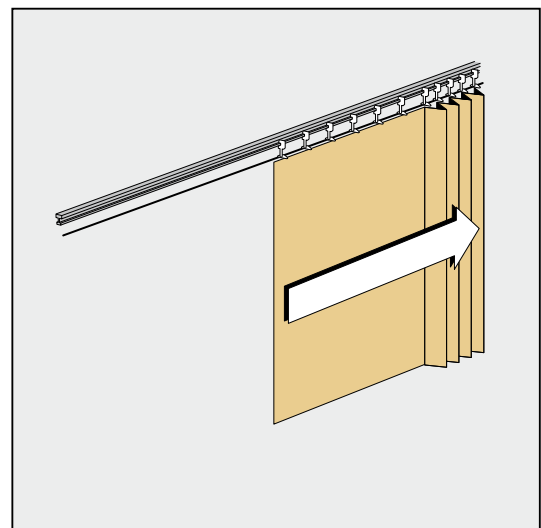
Bottom Cord Operation

Cord is operated below the track.

Track system KING: for straight track installations up to 12 m long with center overlap. For systems over 12 m a top cord guide system is recommended. Track System JOKER 95 allows for longer track systems.

Rear Fold-Operation

KING und JOKER 95: Curtain begins to stack in the off-stage position allowing the curtain to keep its intended look until fully open.



Cord Operated Systems

Double Top Cord Operation

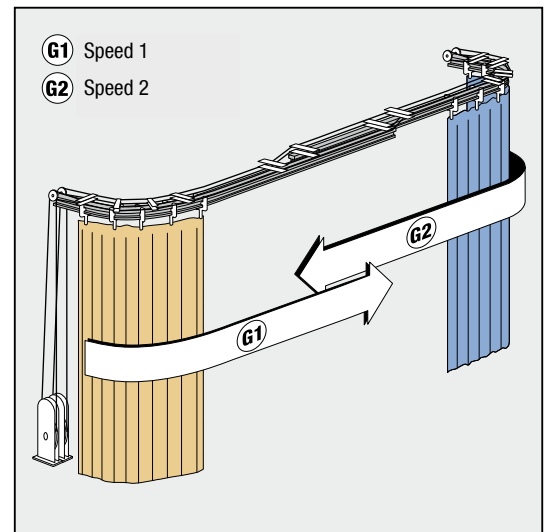
A further development of the top cord system offering the same advantages with an additional benefit of two independently operated cord systems.

Two master runners operate independently on one track section (Image 1).

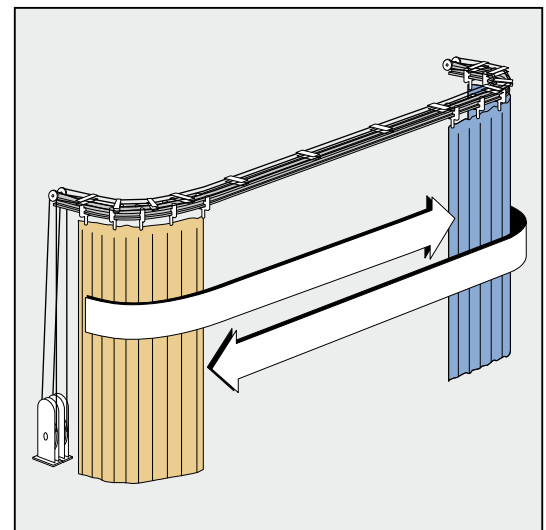
Several curtain opening options are available. A curtain section can be opened from right to left and vice versa (Image 2).

The curtain moves on the track in a flat or pleated style (Image 3).

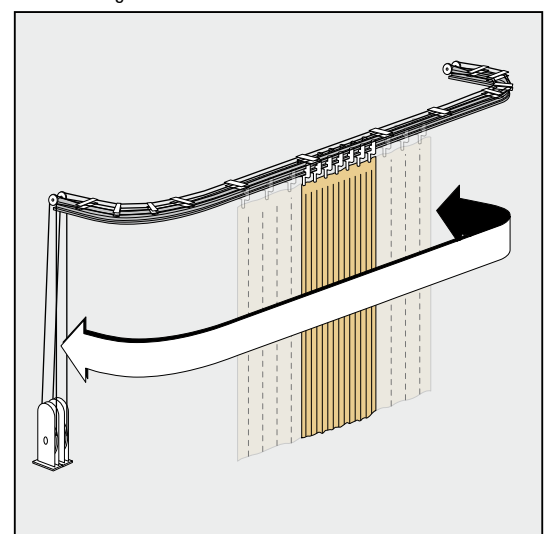
This cord system allows to move curtain sections with different speeds and / or in different directions with one single track system. It also allows the creation of asymmetrical opening configurations.



1 Left and right curtain



2 Left and right curtain



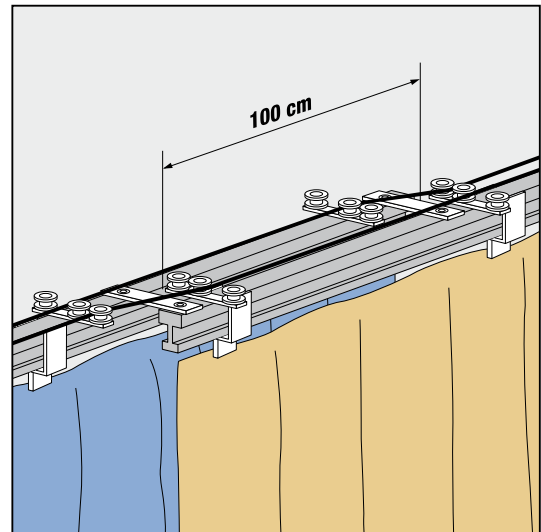
3 With one curtain section

Cord Operated Systems

Center Overlap for Double Track Systems

In a double track system a center overlap can be achieved by two parallel track sections. The center overlap length is variable and not limited.

The standard center overlap length is 1 m.

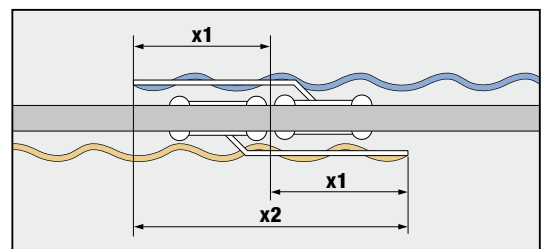
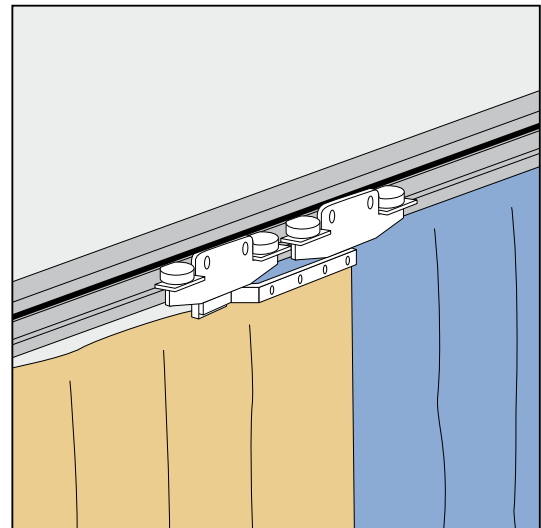


Center Overlap for Single Track Systems

Two overlap arms mounted on the carriers achieve a center overlap for single track systems.

Overlap:

TRUMPF	x1 = 20,0 cm	x2 = 40 cm
TRUMPF 95	x1 = 17,5 cm	x2 = 35 cm
STUDIO / E	x1 = 17,5 cm	x2 = 35 cm
JOKER 95	x1 = 25,0 cm	x2 = 50 cm
KING	x1 = 25,0 cm	x2 = 50 cm
3-WAY	x1 = 25,0 cm	x2 = 25 cm

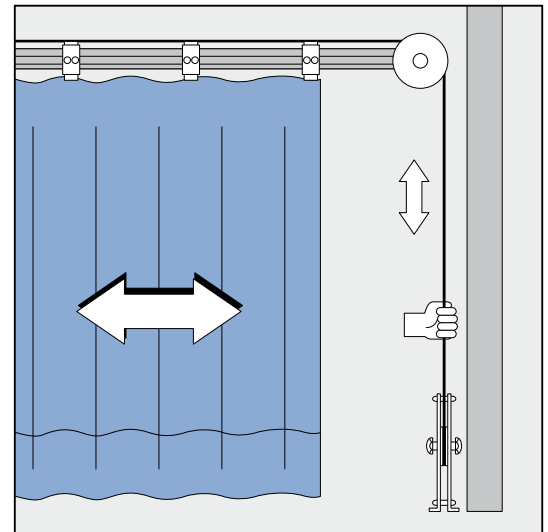


Top View

Manual Operation

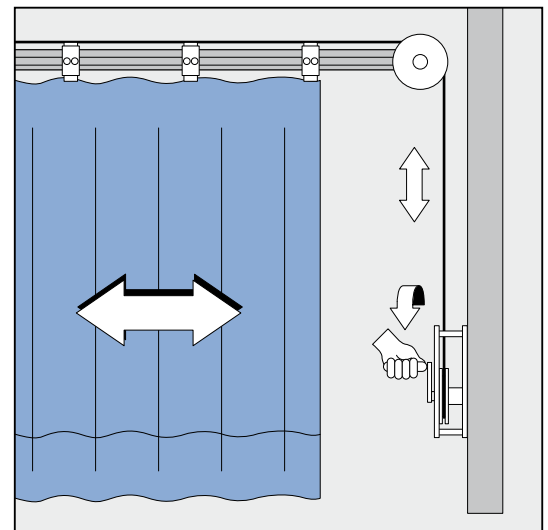
Floor Pulley

Floor pulley used to divert the rope from track to floor and back to track again. Manually tensioned.



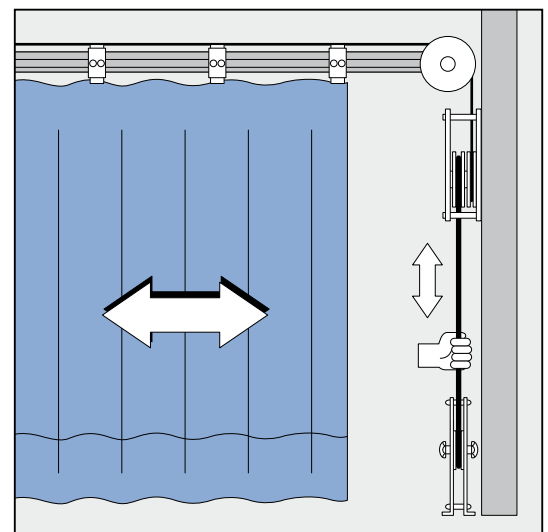
Hand Crank

Works like a floor pulley, but operated with a hand crank mounted to the wall. Automatic tensioned.



Hemp Rope Adapter Pulley

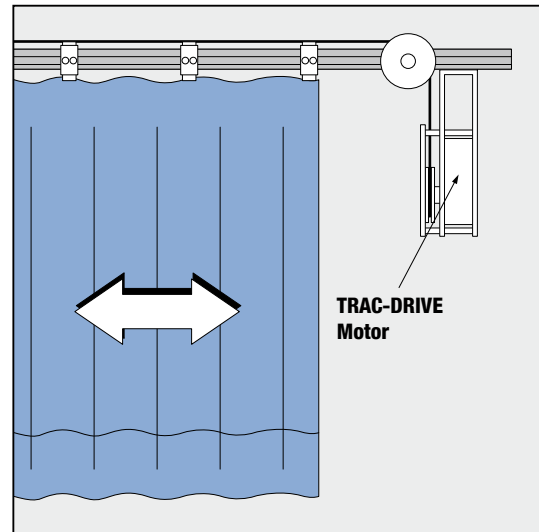
Continuous loop pulley used to move the curtain via 22 mm hemp rope. Special hemp rope floor pulley is necessary. Standard 8 mm Polyester rope is used at track level.



Motor Operation

TRAC-DRIVE

A continuous loop track mounted motor with either 2 or 3 grooved pulleys (depending on curtain weight and speed), controller available for fixed or variable speed.

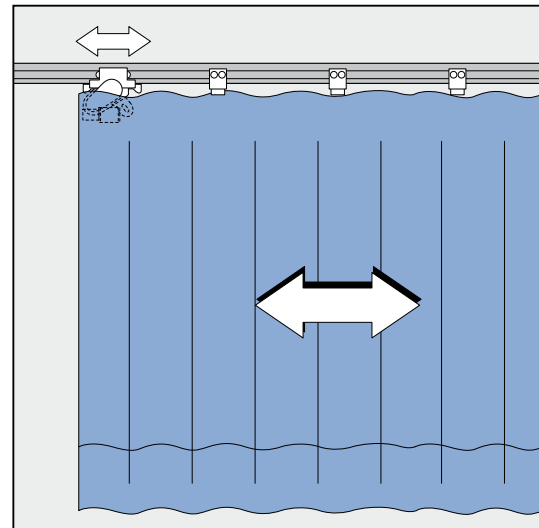


FRICTION-DRIVE

Curtain sections move without rope via trailing festoon power cable or integrated conductor rails. Motor moves silently along the track. Curtains/scenery are directly attached to motor and are "pushed" or "pulled" along track.

This allows long, complex track configurations, including endless loops.

Controller available for fixed or variable speed.



Load Capacity of Track Systems

		ASS	TRUMPF	TRUMPF 95	STUDIO / E	JOKER 95	KING
Track:	Weight	340 g/rm	660 g/rm	900 g/rm	2.200 g/rm	2.520 g/rm	3.000 g/rm
	Section Length	6,0 m	6,0 m	6,0 m	6,0 m	6,0 m	0,25 / 0,5 / 1,0 / 2,0 m
	Max. Distance between Suspensions	1,0 m	2,0 m	2,0 m	4,0 m	3,0 m	3,0 m
	Min. curve radius	250 mm	300 mm	500 mm	2.000 mm	2.000 mm	1.000 mm
Load Capacity:							
1 m Distance between Suspensions	Uniformly distrib. Load	30 kg	80 kg	90 kg	200 kg	400 kg	400 kg
	Point loadt	20 kg	40 kg	45 kg	60 kg	200 kg	200 kg
2 m Distance between Suspensions	Uniformly distrib. Load	-	35 kg	45 kg	80 kg	200 kg	200 kg
	Point load	-	20 kg	23 kg	45 kg	100 kg	100 kg
Load Capacity:	Master Runner	4 kg	20 kg	35 kg	35 kg	30 kg	30 kg
	2-Wheel Runner	2 kg	10 kg	10 kg	10 kg	20 kg	15 kg
	4-Wheel Runner	-	20 kg	20 kg	20 kg	30 kg	15 kg

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