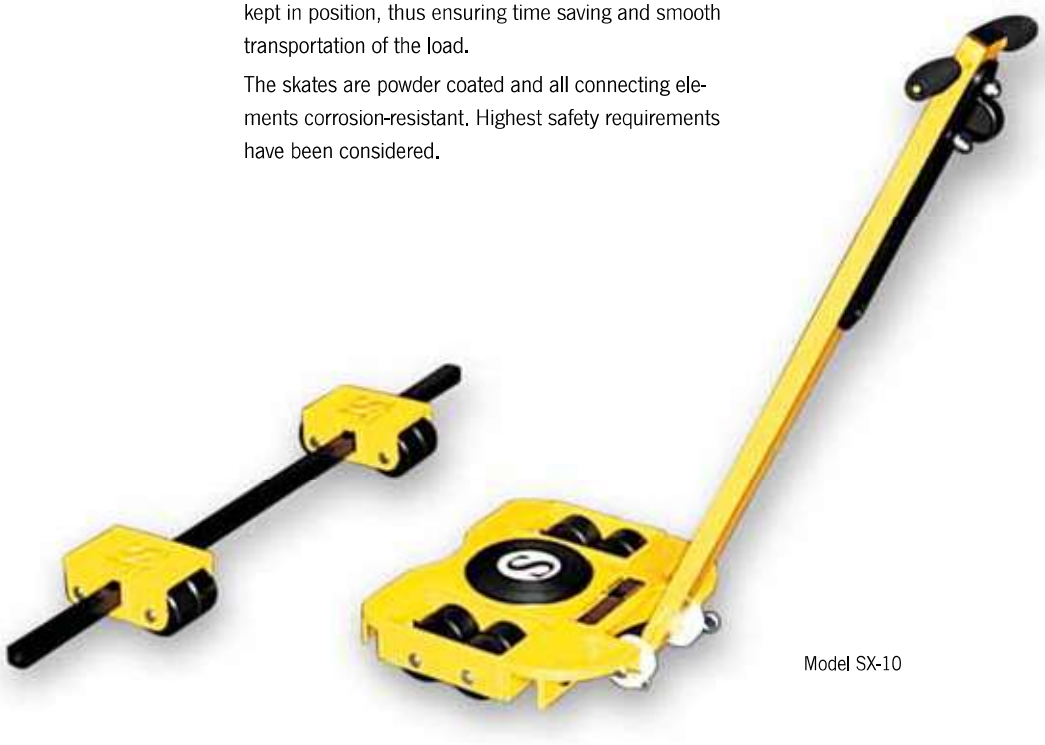
Steerman®
Heavy load moving systems model SX and model S

Capacity 10 - 100 t

These universal heavy load moving systems have been designed for the safe and cost saving transport of loads up to 100 tons. Individual configuration of steering and rear skates also allows higher capacities. Transport of heavy loads (e.g. machines, construction parts, steel structures) is normally made with a stable three point loading system.

Transport of extremely bulky or heavy loads with an unfavourable center of balance, may also be executed with a four point loading system. The robust towing bar in connection with the unique turntable on large diameter thrust bearings allows effortless steering of the load. The rear skates are aligned parallel by means of a tie rod and kept in position, thus ensuring time saving and smooth transportation of the load.

The skates are powder coated and all connecting elements corrosion-resistant. Highest safety requirements have been considered.



Model SX-10

Rollers with ball bearing

Chassis from ductile graphite iron

Ball bearing for turning plate

Features

- The modular design ensures an extremely simple operation and simultaneously offers a wider range of combinations.
- The construction of the load moving systems is extremely robust and resistant to distortion.
- The skates are smooth-running and provide an incredibly low rolling resistance even with the heaviest loads.
- Twin rollers (instead of one wide roller) ensure low rolling resistance even at a narrow curve radius.
- The universal joint suspension of the roller groups contributes to a positive contact when travelling over uneven floors.
- The roller wheels are manufactured with abrasion-resistant, elastic polyamide. They are protected against breakage and have high chemical resistance.
- Each individual roller is made from high tensile material which ensures extremely quiet running.
- The rollers are suitable for all in-plant floors and will not damage normal floor covering.
- The load moving systems can be easily dismantled and facilitate transport even in small trucks.
- The load moving systems have been developed for professional applications and are practically maintenance-free.
- All rollers are provided with two encapsulated, lifetime lubricated ball bearings.
- The front steering skate is equipped with an amply dimensioned axial ball bearing underneath the turntable.
- From SX-10 the front and rear skates are available individually.

Available in explosion proof version (see page 469).

Model S-60

Technical data model SX and model S

Model	EAN-No. 4025092*	Capacity t	Overall height mm	Number of rollers	Roller diameter mm	Colour of rollers	Weight kg
SX-10	*158503	10	102	16	82	black	54
SX-20	*158541	20	102	32	82	black	76
SX-30	*158589	30	110	48	82	black	136
S-60	*161930	60	170	48	115	black	302
S-100	*158664	100	210	48	150	black	525

Model LF-1

Load moving skates and systems with fixed wheels model LF

Capacity 1 - 6 t

The components of the load moving skates can be universally combined and are ideal for the transport of medium heavy loads of all kinds.
The components can be used individually or adapted to a load moving system. The units are maintenance-free.

Features

- Solid forged steel construction.
- Anti-slip rubber lining.
- Abrasion-resistant nylon wheels.
- Models LF-2,5 and above are provided with two enclosed ball bearings per wheel.

Technical data model LF

Model	EAN-No. 4025092*	Capacity t	Wheels	Number of rollers	Wheels diameter x width mm	Dimensions L x W x H mm	Weight kg
LF-1	*163828	1.0	fixed	4	100 x 35	400 x 228 x 120	7.0
LF-2	*163835	2.0	fixed	8	100 x 35	400 x 228 x 120	8.0
LF-2,5	*163842	2.5	fixed	2	85 x 90	275 x 120 x 100	4.0
LF-3	*163859	3.0	fixed	4	85 x 85	400 x 228 x 100	9.5
LF-6	*163866	6.0	fixed	6	85 x 85	415 x 210 x 100	12.0

Model LF-2

Model LF-2,5

Model LF-3

Model LF-6

Load moving skates and systems with steerable wheels model LFL

Capacity 1 t

The components of the load moving skates can be universally combined and are ideal for the transport of medium heavy loads of all kinds.
The components can be used individually or adapted to a load moving system. The units are maintenance-free.

Features

- Solid forged steel construction.
- Anti-slip rubber lining.
- Abrasion-resistant nylon wheels.
- Model LFL-1-2 uses two steerable and two fixed wheels.
- Model LFL-1-4 uses four steerable wheels.

Model LFL-1-2

Technical data model LFL

Model	EAN-No. 4025092*	Capacity t	Wheels	Number of rollers	Swivel roller diameter x width mm	Fixed roller diameter x width mm	Dimensions L x W x H mm	Weight kg
LFL-1-2	*163873	1.0	2 x fixed, 2 x steerable	4	75 x 46	100 x 35	430 x 340 x 120	13.0
LFL-1-4	*163880	1.0	4 x steerable	4	75 x 46	–	430 x 340 x 120	14.0

Model LFL-1-4

Heavy load moving system model LX

Capacity 6 t and 12 t

These three point loading systems comprise of a steerable front and a pair of adjustable rear skates.

The heavy load moving systems are supplied ready-to-use.

The steerable front skates (LX-6F and LX-12F) are provided with an appropriate towing bar. The rear skates (LX-12R) are identical in construction and are equipped with two adjustable tie rods.

The wheels are made of hardwearing nylon.

The front and rear skates can accept each 50 % of the total capacity.

Model LX-6

Technical data model LX

Model	EAN-No. 4025092*	Capacity t	Number of wheels front skate	Number of wheels rear skate	Wheels diameter x width mm	Load area front skate mm	Load area rear skate mm	Adjustment range rear skates mm	Height mm	Weight kg
LX-6	*163781	6.0	4	8	85x90	185x150	300x250	500 - 1400	115	45.0
LX-12	*163798	12.0	8	8	85x90	400x220	300x250	500 - 1400	115	80.0

Model LX-12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