

## Steerman® SX and S Heavy load moving systems

### Capacity 10 - 60 t

These universal heavy load moving systems have been designed for the safe and cost saving transport of loads up to 60 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.



SX-10



Rollers with ball bearing



Chassis from ductile graphite iron

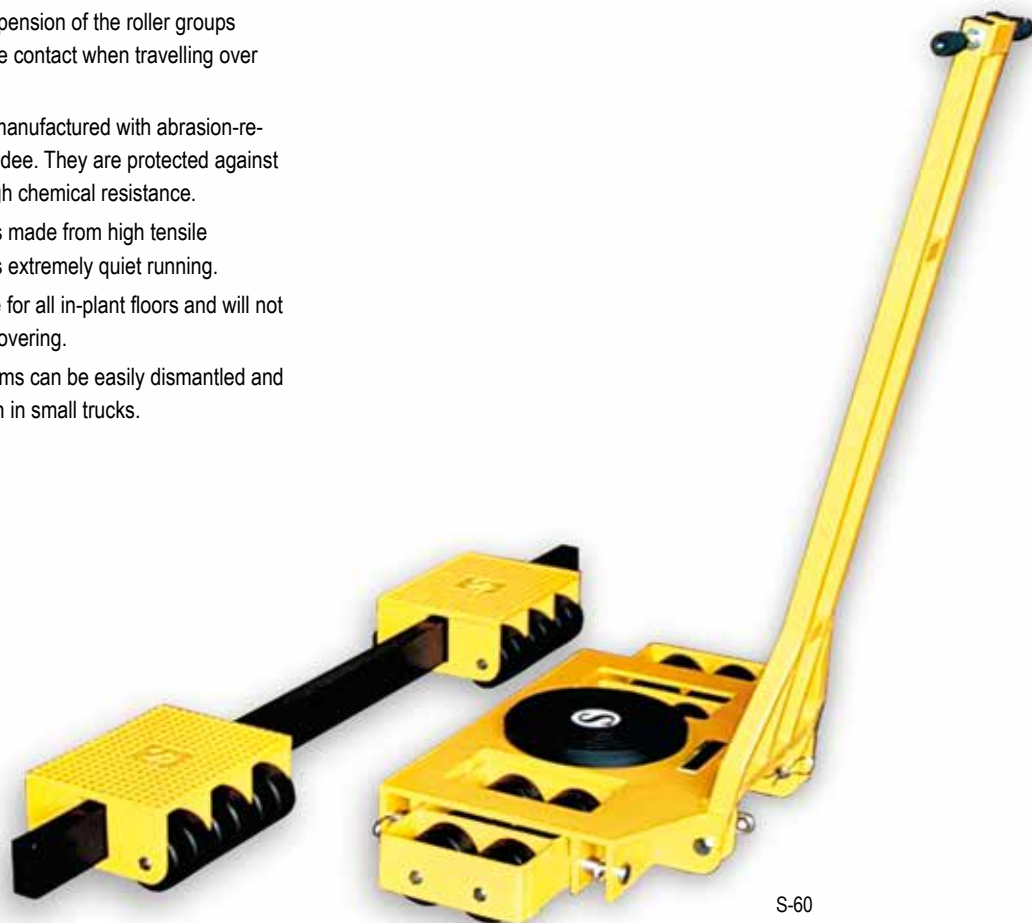


Ball bearing for turning plate



## 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.
- The front and rear skates are available individually.



S-60

## Technical data Steerman® SX and S

Model	Art.-No.	Capacity t	Overall height mm	Number of rollers	Roller diameter mm	Colour of rollers	Weight kg
<b>SX-10</b>	N13600977	10	102	16	82	black	54
<b>SX-20</b>	N13600979	20	102	32	82	black	76
<b>SX-30</b>	N13600981	30	110	48	82	black	136
<b>S-60</b>	N13601094	60	170	48	115	black	302

## LF Load moving skates and systems with fixed wheels

### Capacity 1 - 6t

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.



LF-1

LF-2

### Technical data LF

Model	Art.-No.	Capacity t	Wheels	Number of rollers	Wheels diameter x width mm	Dimensions L x W x H mm	Weight kg
LF-1	N13600006	1.0	fixed	4	100 x 35	400 x 228 x 120	7.0
LF-2	N13600007	2.0	fixed	8	100 x 35	400 x 228 x 120	8.0
LF-2,5	N13600008	2.5	fixed	2	85 x 90	275 x 120 x 100	4.0
LF-3	N13600009	3.0	fixed	4	85 x 85	400 x 228 x 100	9.5
LF-6	N13600010	6.0	fixed	6	85 x 85	415 x 210 x 100	12.0



LF-2,5

LF-3

LF-6

## LFL

### Load moving skates and systems with steerable wheels

#### Capacity 1 - 2t

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 and LFL-2-4 uses four steerable wheels.



LFL-1-2

#### Technical data LFL

Model	Art.-No.	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	N13600011	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	N13600012	1.0	4 x steerable	4	75 x 46	–	430 x 340 x 120	14.0
LFL-2-4	192025595	2.0	4 x steerable	4	80 x 40	–	430 x 400 x 130	20.0



LFL-1-4

## LX Heavy load moving system

### 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.



### Technical data LX

Model	Art.-No.	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	N13600004	6.0	4	8	85 x 90	185 x 150	300 x 250	500 - 1400	115	45.0
LX-12	N13600005	12.0	8	8	85 x 90	400 x 220	300 x 250	500 - 1400	115	80.0





