

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 |

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.



Model LF-1

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 | 100x35 | 400x228x120 | 7.0 |
| LF-2 | *163835 | 2.0 | fixed | 8 | 100x35 | 400x228x120 | 8.0 |
| LF-2,5 | *163842 | 2.5 | fixed | 2 | 85x90 | 275x120x100 | 4.0 |
| LF-3 | *163859 | 3.0 | fixed | 4 | 85x85 | 400x228x100 | 9.5 |
| LF-6 | *163866 | 6.0 | fixed | 6 | 85x85 | 415x210x100 | 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

