

Mechanical Rod Steering System

Mechanical „Single Bar“ steering system for better maneuverability of the trailer



SEM-SB STEERING SYSTEM

The steering bar is connected to the axle group. The front unit controls the trailer. This makes the system extremely robust and reduces the number of different components. The design, development and construction of new systems take place entirely in the Benelux, so that you can always rely on the highest quality and durability.

SB1 units



SB2 units

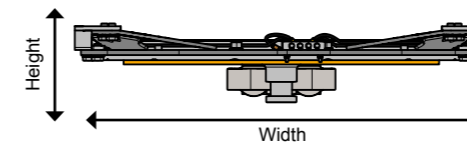


Why choose a Single Bar steering system?

- The semi-trailer follows the truck's track better and therefore requires less space when maneuvering around bends.
- The trailer is also easier to maneuver.
- Less friction when taking a bend.
- As a result of that reduction in friction, less energy is required leading to savings on fuel consumption and tyre wear.
- The reduced energy consumption brought about by a steering system on a trailer in turn leads to lower emissions including CO₂. Therefore it is better for the environment.

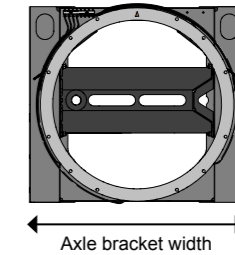
Front Units

Fifth wheel load	Width	Height	Manufacturing
13 T	980 mm	90 mm	Welding
13 T	980 mm	90 mm	Boltable
13 T	1200 mm	105 mm	Boltable
16 T	980 mm	90 mm	Boltable
16 T	1200 mm	105 mm	Boltable
20 T	980 mm	135 mm	Boltable



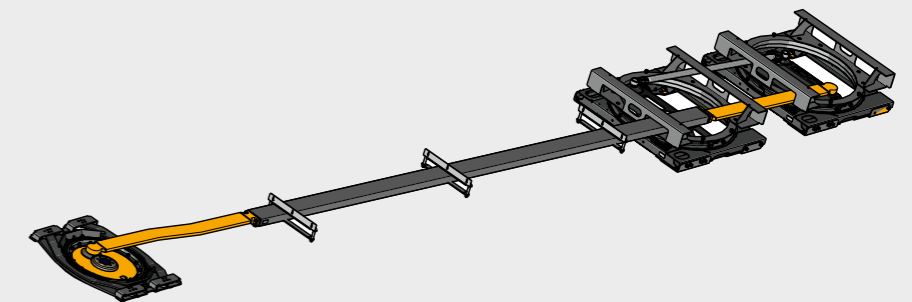
Rear Units

Capacity	Axle bracket width
10 T	980 mm
10 T	1200 mm



Standard options

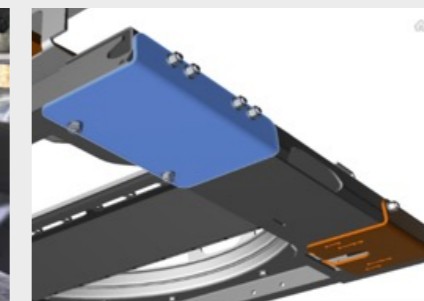
- KTL coating of the system
- Single Bar is hot-dip galvanized



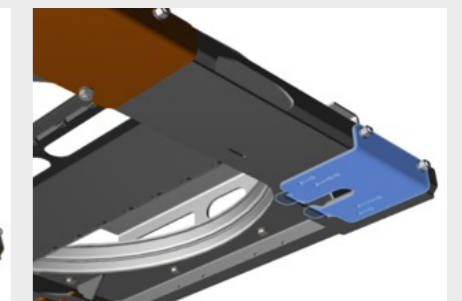
Options



Axle seat Hot-dip galvanized



Axle bracket mounting plates



Air below mounting plates

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