

Mechanical Rod Steering System

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



SEM-SBSTEERINGSYSTEM

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.

SB1 units



SB2 units

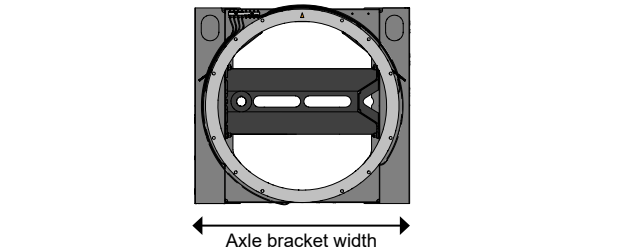
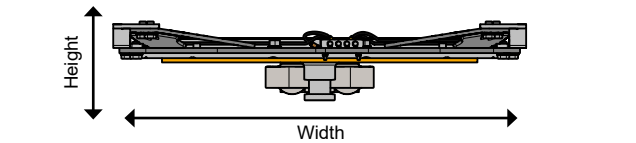


Front Units

Fifth wheel load	Width	Height	Manufacturing
16 T	980 mm	95 mm	Boltable
16 T	1200 mm	105 mm	Boltable
18 T	980 mm	95 mm	Boltable
20 T	980 mm	135 mm	Boltable

Rear Units

Capacity	Axle bracket width	Slewing ring [ø mm]
10 T	980 mm	1108
10 T	1200 mm	1108
10 T	1200 mm	1208



Why choose a Single Bar steering system?

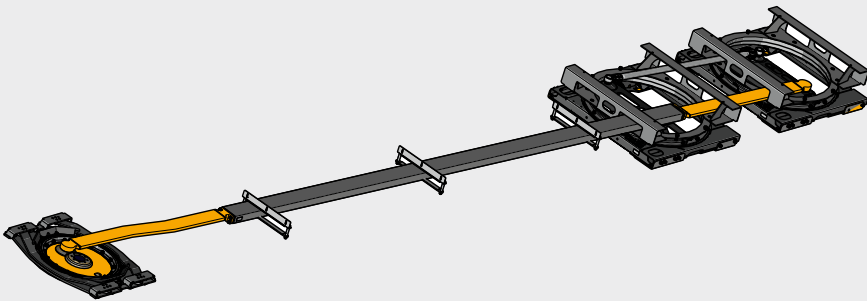
- The semi-trailer follows the truck's track better and therefore requires less space when maneuvering around bends.
- The trailer is also easier to maneuver.
- Less friction when taking a bend.
- As a result of that reduction in friction, less energy is required leading to savings on fuel consumption and tyre wear.
- Extended SB-1 R79 type approval and test reports from the RDW in the Netherlands.
- 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.

Standard options

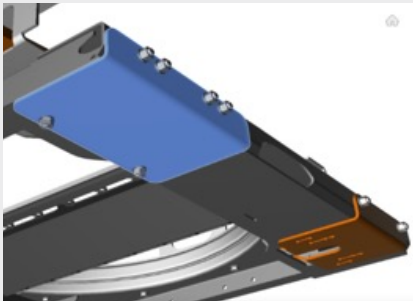
- KTL coating of the system
- Single Bar is hot-dip galvanized
- 25° to 40° Steering angle

Options

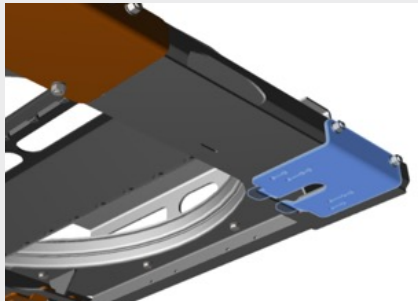
- 21° Steering angle



Axle seat Hot-dip galvanised



Axle bracket mounting plates



Air below mounting plates

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