



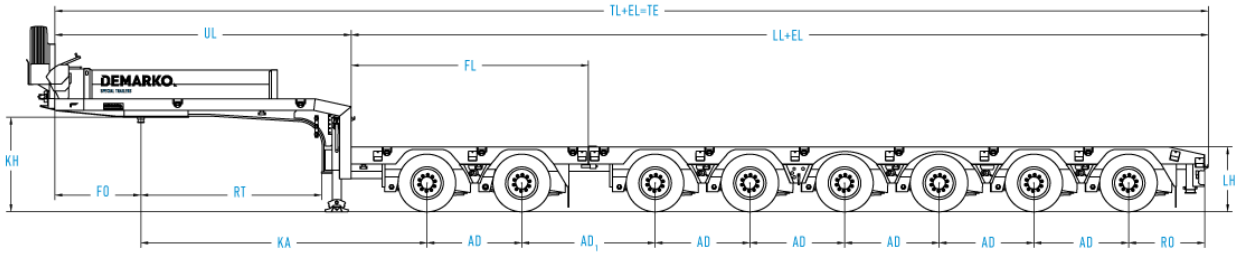
LOW LOADING – ST SERIES

The ST-series is the most popular series of DEMARKO semi-trailers with the most versatile profile. The multitude of modifications and accessories offered by ST-series semi-trailers ensure their multi-functionality and efficiency in oversize transport. The modular design enables multiple length and width extensions. When the semi-trailer is extended, its functionality is ensured by for example an intermediate table that, depending on the dimensions, may be equipped with stanchion sockets, telescopic width extensions and even cavities for the wheels of construction machines. Various variants of axle assembly support a series of configurations, enabling even hydraulic-assisted turns controlled by a wireless remote.

The functionality of DEMARKO low-loading semi-trailers is ensured by for example:

- an intermediate table that, depending on the dimensions, may be equipped with stanchion sockets, telescopic width extensions and even cavities for the wheels,
- wheels of the construction machines (which may be filled when transporting other loads),
- a load trestle that aligns the level of the lower load deck with the balcony when transporting long loads,
- aluminium ramps, which may be installed in the rear of the semi-trailer or at the swan neck,
- load security features in the form of aluminium sides on the neck, steel stanchions inserted into sockets on the deck and the semi-trailer profile, as well as belts with tensioners, using a series of fixtures to secure the load,
- tool cases installed on the front wall and under the semi-trailer,
- compartments for stanchions and aluminium ramps.

ST Series offers the most choice of options and modifications, which is reflected also by the multitude of selections with regard to the number of axles. In total, we manufacture as many as 10 variants, 2 to 10 axles, including the 3-axle light version and two 8-axle variants.



ST – 8 (2+6)-AXLE

MAIN DIMENSIONS

| | | |
|------------|---------------------------------------|--------------|
| TL | Total length | 15.955 mm |
| EL | Extension length | 1 x 6.300 mm |
| TE | Total length extended | 22.255 mm |
| W | Width | 2.550 mm |
| KH | Kingpin height | 1.240 mm |
| LH | Loading area height | 900 mm |
| FL | Fixed part behind goose neck | 3.280 mm |
| LL | Lower loading area length | 11.855 mm |
| UL | Upper loading area length | 4.100 mm |
| FO | Front overhang | 1.200 mm |
| RO | Rear overhang | 1.050 mm |
| RT | Swing clearance radius for truck | 2.500 mm |
| RA | Clearance radius for trailer | 1.500 mm |
| AD | Axle distance | 1.310 mm |
| AD1 | Distance between 2nd and 3rd axle | 1.845 mm |
| KA | Distance from kingpin to the 1st axle | 4.440 mm |

WEIGHT

| | |
|-----------------------|------------|
| Max. fifth wheel load | 25.000 kg |
| Axle load capacity | 80.000 kg |
| Gross vehicle weight | 105.000 kg |
| Dead weight | 22.000 kg |
| Payload | 83.000 kg |

All dimensions and weights are approximate and may vary depending on configuration and choice of accessories. Changes in construction and equipment are reserved. There may be some differences between the versions placed on the market in different countries.