



PL - SERIES - PLATFORM

DEMARKO platform semi-trailers are the perfect transport solution for the construction and power industries. Their design enables the transport of not only long, but also high loads. This, however, does not cause any difficulties in manoeuvring with the turning radius of not more than 2 metres for a 6-axle semi-trailer.

We divide our platform semi-trailers into two sub-series, according to the types of loads to be carried.

The PLF-series is suitable to transport loads with high point mass, such as:

- prefabricated concrete units,
- crane structures.

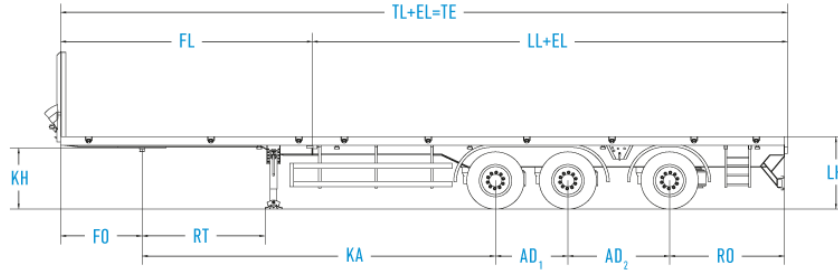
The PLM-series is used mainly to transport loads, such as:

- wind turbine segments,
- pipes,
- wind power station rotors,
- roof structure components,
- roof structure elements,
- bridge elements.

The loads are secured on DEMARKO platform semi-trailers using for example:

- rows of stanchion sockets with hot-galvanised stanchions,
- 9 or 10 pairs of fixtures provided to attach the load (depending on the sub-series),
- front wall with the maximum height of 2 metres, which shields the tractor against the transported load.

The PLF sub-series is manufactured in 5 axle versions, from 2 to 6 axles, while the PLM sub-series in 3 versions, from 2 to 4 axles.



PLF – 3-AXLE

MAIN DIMENSIONS

TL	Total length	13.660 mm
EL	Extension length	6.300 mm
TE	Total length extended	19.960 mm
W	Width	2.550 mm
KH	Kingpin height	1.150 mm
LH	Loading area height	1.360 mm
FL	Front loading area length	4.730 mm
LL	Rear loading area length	8.930 mm
FO	Front overhang	1.530 mm
RO	Rear overhang	2.160 mm
RT	Swing clearance radius for truck	2.310 mm
RA	Clearance radius for trailer	1.990 mm
AD1/AD2	Axle distance	1.360/1.910 mm
KA	Distance from kingpin to the 1st axle	6.440 mm

WEIGHT

Max. fifth wheel load	18.000 kg
Axle load capacity	27.000 kg
Gross vehicle weight	45.000 kg
Dead weight	10.000 kg
Payload	35.000 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.