

Tailored blanks

Wear-optimised, troughed floor for MEILLER tipper semi-trailers

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The tipper body of a tipper semi-trailer is designed for the toughest requirements. Abrasive wear and tear is highest at the rear of the tipper body. Tailored blanks from MEILLER reinforce the tipper semi-trailer of the 44 type MHPS series in exactly this zone – with the same high payload.

Optimum combination of wear resistance and weight



Increased lifetime:

In the heavily stressed third at the rear, the floor plate is 1 mm thicker than in the front area of the tipper body. This reduces the level of wear.



Payload optimisation of the vehicles:

The combination of different floor thicknesses in the tipper body reduces the tare weight of the vehicle without any loss of use.

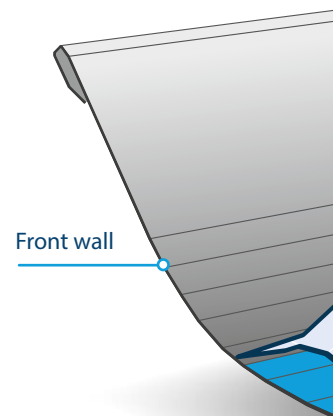


Plate quality:

Highly wear-resistant, fine-grained steel (wear-resistant steel) VS 120 with

- Yield point of approx. 1200 N/mm²
- Minimum tensile strength of approx. 1350 N/mm²
- Hardness of approx. 450 HBW (HARDOX® 450 or comparable material)

Longer lifetime – optimum payload

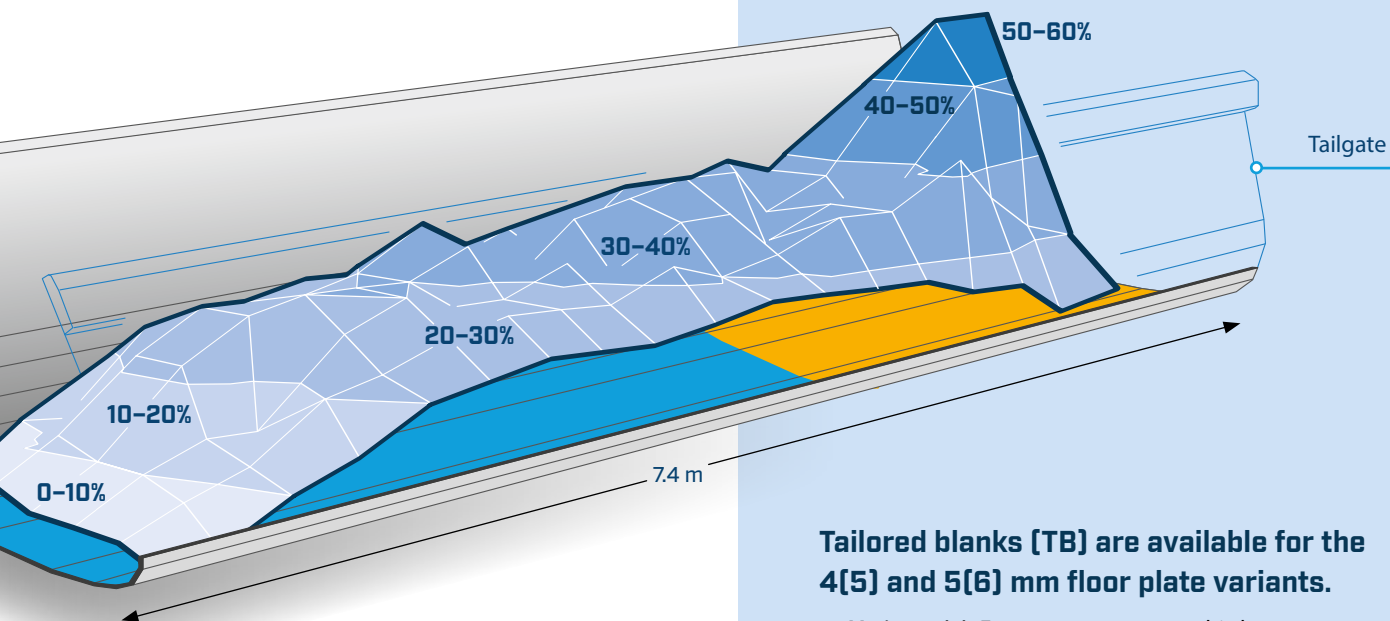


Front wall



Floor thickness 5 mm





Abrasive wear and tear of the trough floor in % with an initial thickness of 5 mm and a trough length of 7.4 m

Tailored blanks (TB) are available for the 4(5) and 5(6) mm floor plate variants.

- Variant 4(5): Front area 4 mm, rear third 5 mm
- Variant 5(6): Front area 5 mm, rear third 6 mm

Advantages of tailored blanks compared to a continuous floor:

Example of TB 5(6) instead of 6 mm floor

- Weight in the front area of the tipper body reduced by 1 mm floor thickness
- 81 kg less weight

The floor/wall combinations apply according to the currently valid sales programme.



Floor thickness 6 mm

Your benefits:

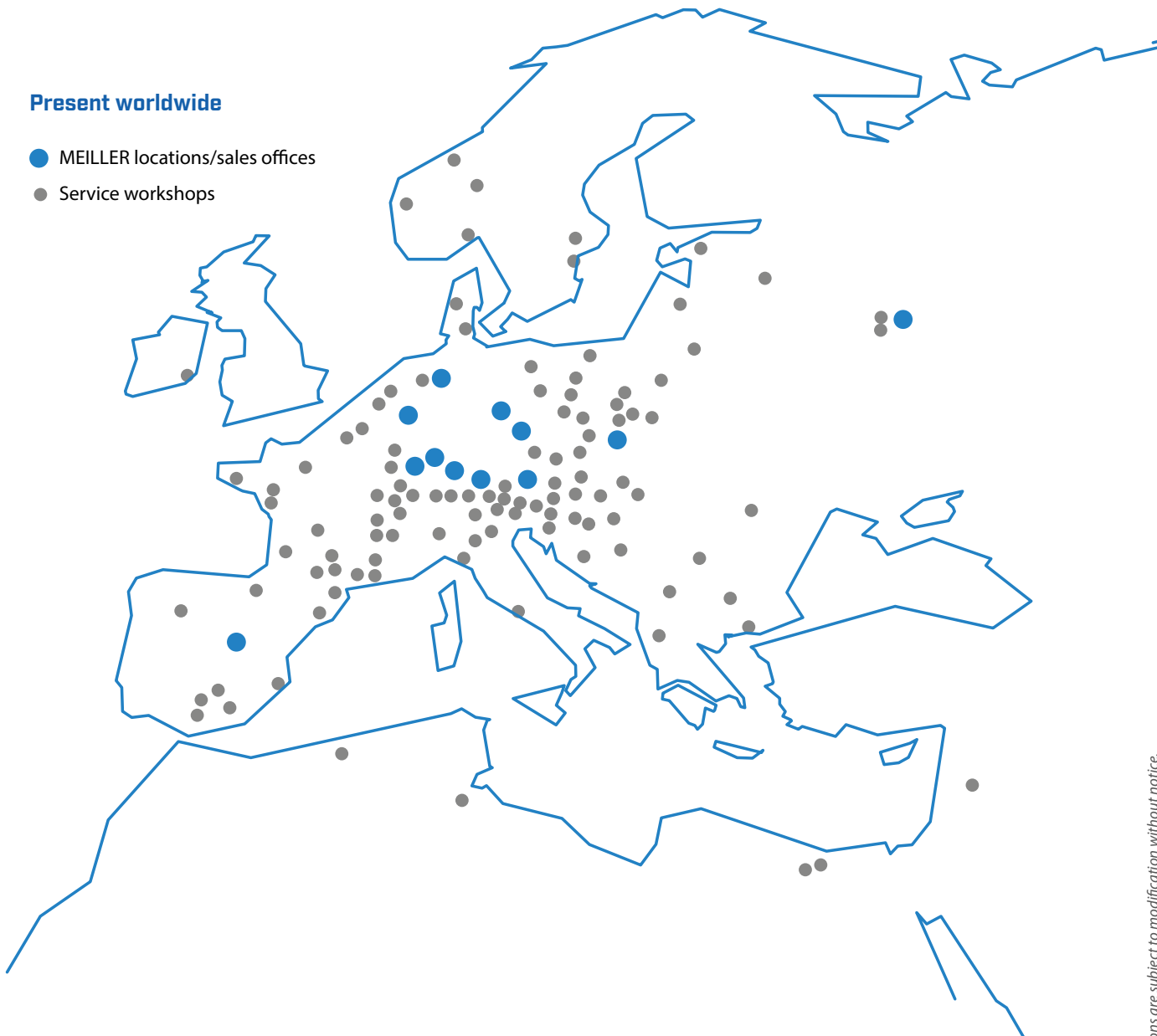
- High payload
- More economical driving due to increased lifetime
- Best workmanship in familiar MEILLER quality

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