Tailored blanks

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

meiller.com
Tailored blanks
Wear-optimised, troughed floor for MEILLER tipper semi-trailers

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
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.

---

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

---

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

- 0–10%
- 10–20%
- 20–30%
- 30–40%
- 40–50%
- 50–60%
MEILLER in your area

Full service from a single source

Present worldwide

- MEILLER locations/sales offices
- Service workshops

There’s a MEILLER location near you. Find the service workshops closest to you by searching online at meiller.com/service