

Installation instructions / operating and maintenance instructions

Mounting

The P4000 / SK2000 is attached either by screwing directly to the vehicle frame or by means of the enclosed clamping jaws. The clamping jaws supplied by HS-Schoch are suitable for support strengths of 8-12 mm without additional supports. Pay attention to keep the clamping jaws with an angle of 90° to the frame.

The following items are required for mounting in compliance with the respective tightening torque (not included when P4000/SK2000 is delivered):

- screw M16x60 or 70mm DIN933 min. 8.8 galvanized
- lock nut M16 DIN985
- washer 16 K

alternatively:

- screw M14x50 or 60mm DIN933 min. 8.8 galvanized
- lock nut M14 DIN985
- washer 14 K

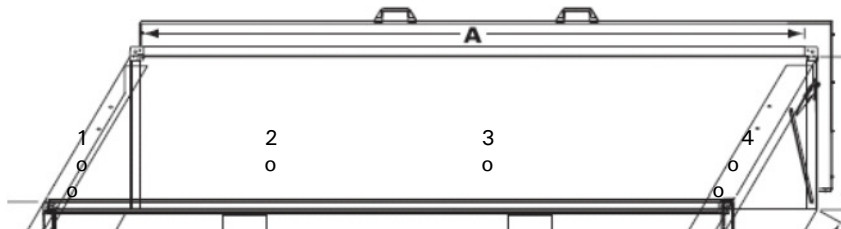
The required amount depends on the number of fasteners resulting from the hole pattern given by HS-Schoch in the box body.

When the pallet storage box is delivered in two halves, it must be screwed together with 22 M8x30 screws DIN933 min. 8.8 galvanized with washers and safety nuts (not included in delivery).

Notes:

- For refrigerated trailers, the pallet storage box must be rigidly bolted to the carrier (prior approval required by HS-Schoch).
- The entire box body surface must rest flat on the vehicle carrier (no welding seams protrusions, frame offsets, etc. on the pallet storage box area).
- When tightening the clamp element screws at the frame, observe the screwing sequence to avoid tensions in sheet of the box body surface Order and position of the bolting points according to the following sketch.

a) 1,2,3,4 or b) 4,3,2,1 or c) 2,1,3,4 or d) 3,4,2,1



The pallet box half, not shown, is to be assembled mirror-inverted in the same way in the sequences listed (either a,b,c or d).

- Furthermore, it should be ensured that

- the pallet storage box is mounted on the inside **and** outside of the carrier in the main attachment area, which is at the fronts of the pallet storage box (reinforced by steel angles 50x50x3mm) → see Fig. 3,
- the pallet storage box is mounted on the carrier with a tightening torque of 110-125 Nm for M16 screws and 130-140 Nm for M14 screws,
- the attachment in the central region of the box body surface is done by means of clamping claws on the carrier (this prevents bending and any twisting of the box body surface resulting from running operation),
- a distance between the clamps of min. 2 mm to the main carrier belt is observed (Fig.1 and Fig.2) and
- a lateral distance of the clamps to frame curvatures, welds and edges, cross members (frame inside) of min. 20 mm is observed (Fig.1 and Fig.2).

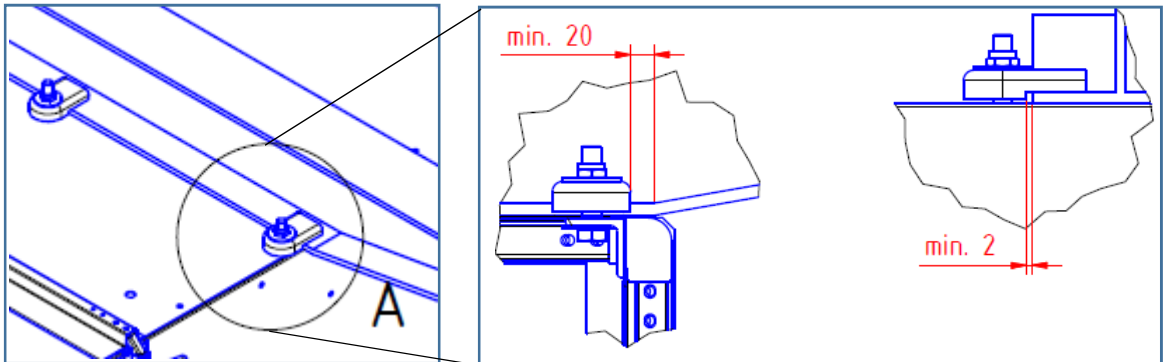


Fig. 1

Fig. 2

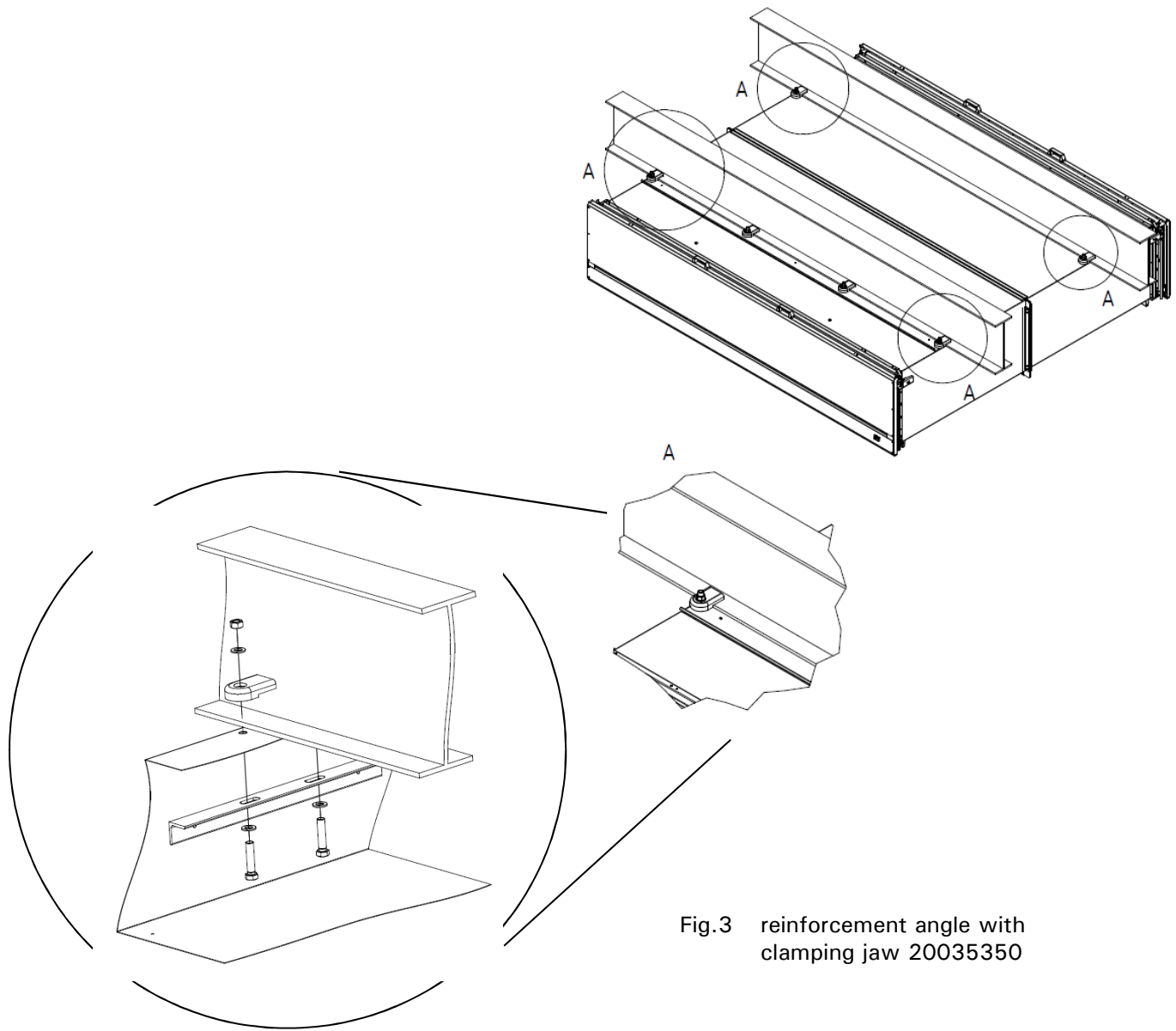
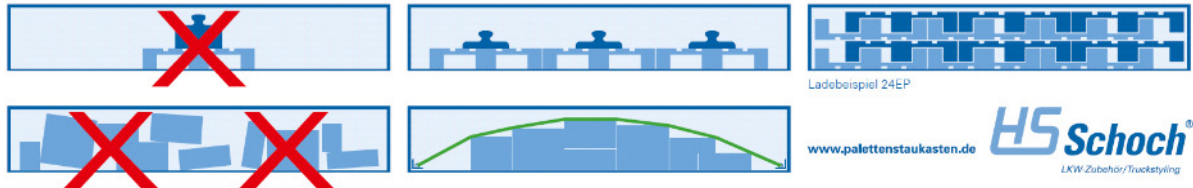


Fig.3 reinforcement angle with clamping jaw 20035350

Operation and maintenance

- The pallet storage box PK4000 in the standard version is only for loading with euro pallets. When loading, (e.g. with spare wheel, steel parts, etc.), additional reinforcements are available and must be installed subsequently.



- Before each ride, check that the caps on the lid are closed and secured.
- Movable parts on the door, such as the closure, hinge must be cleaned / greased regularly. Before the start of the journey, make sure that the closures on the door are closed and secured.

If the installation, operating and maintenance instructions are not followed, we disclaim any responsibility and reject any warranty claims.

The lateral type plate on each pallet storage box half P4000/SK2000 is part of the Type Approval.

The type plate information is important for spare part orders.

Example:

