

Operating and installation guidelines for Hans Schourup Pallet pull out units.

Introduction

The pallet pull out is dimensioned to attach to most pallet racks.

There are 3 standard EU models, 600x800, 800x1200, 1000x1200 and a standard US 40"x48" There are 2 variants with a 600kg and 1000kg max load.

Installation

Equipment for installation

For the pallet pull out a spanner with a 13mm opening for M8 bolt and a ratchet wrench with an M8 socket head. Alternatively, an impact wrench can be used instead of the ratchet wrench.

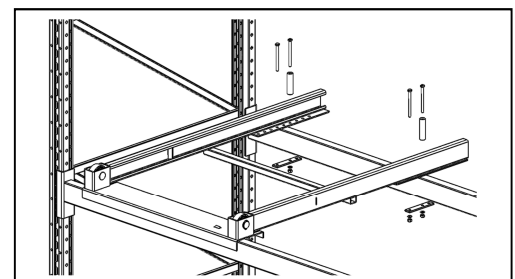
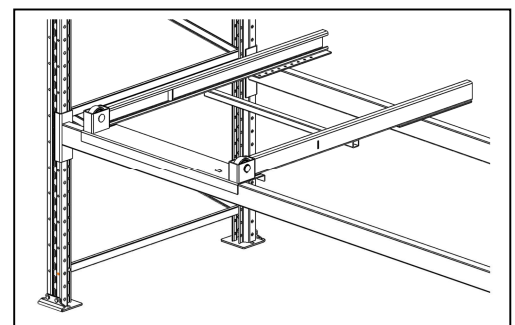
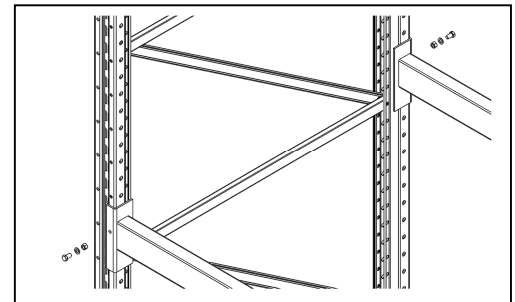
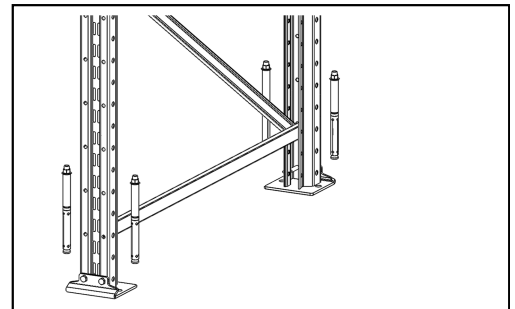
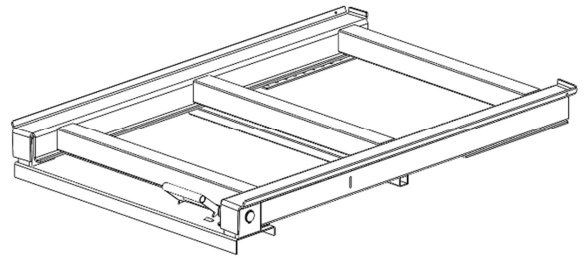
Please note the tightening torque for an M8 bolt is approximately 20Nm.

If the racking needs to be anchored to the floor, an impact wrench with the appropriate head will be needed.

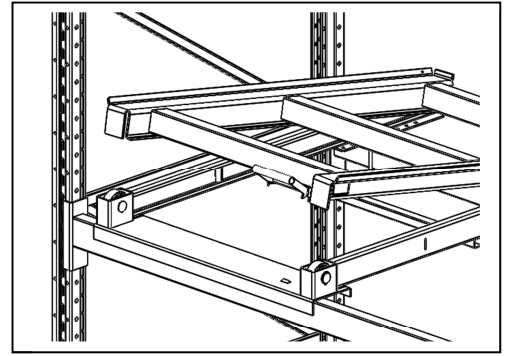
1. Fasten the racking to the floor with anchor/expansion bolts.
Most racking uses M10 anchor bolts.
Install the anchor bolts as per the suppliers instructions. All uprights need to be anchored according to the EN 15635-2009

2. Both the front and rear beams need to be rigid, we recommend to bolt the beams to the upright. This needs to be done at the front and back.

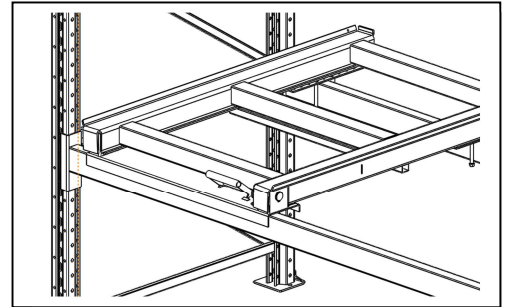
3. Next take the lower frame and slide this onto the beam. Attach the lower frame to the rear beam using the flange with 3 holes in it. Thread M8 bolts through the lower frame, past the beam and through the flange, place a washer over the bolt and then the M8 nut. The pallet pull out is designed to fit most pallet racking. If the need arises a rubber hose can be cut at the appropriate length and used as a spacer to the beam. The lower frame is 800mm wide, the spacing of the unit is according to the clearances detailed in EN 15620-2009 and or local equivalent.



4. The upper frame is then attached by pulling the unit through the C profiles from the rear. This is then lowered carefully onto the lower frame.



5. Once on the lower frame, the bent flange prevents the pull out rolling backwards out of the C profile.



Safety

Safety first, always install the pallet pull unit according to the instructions in the installation guideline. If there are any queries, please contact Hans Schourup A/S. The pallet pull out is to be inspected in conjunction with any periodic checks of the pallet racking.

Important

Checks must be made as to whether the pallet racking system can hold the stresses incurred with usage of the pallet pull out

Always anchor the pallet rack to the floor. Anchoring of the bolts is per the manufacturers recommendations and EN15635-2009

Only extend one pallet pull out per bay, at any one time.

The beams must be bolted to the racking, slight jolts may otherwise throw the split pins out of the racking.

Inspect the pallet pull outs once a year.

The unit is designed for a uniformly distributed load. DO NOT load the unit above the designated load maximum.

Take care when extending and extracting the unit, remember this is a heavy load that is being operated.