

Art. No: **HP2040**

## Platform for upper floor barracks 2600x1300mm

Powerful, flexible, durable platform to create a secure access route or escape route on upstairs floor barracks. Adapted for both our cabin & evacuation stairs HP2000 / HP2001.

Our XL platform is designed for barracks with offset door center, but it also fits center doors.



Easy and fast to mount via the supplied "slide in pipes"



With slide in pipes suitable for most barracks with inner fork pocket measure max 1590mm (O.B.S. not c-c measure!)



Heavy-duty expanded sheet metal makes the platform stable and non-slip and provides a better indoor environment when snow and dirt easily fall through.



Hot dip galvanized.



Calculated according to FEM (Finita element method) to withstand a load of 2000kg with very good safety margins.



Double stairattachments for any right / left stair-case.



Installation instructions follows.



## HP2030 - art. no includes:

- 1pcs Platform HP2030-01
- 1pcs Short handrail HP2036
- 1pcs Long handrail HP2037
- 1pair Slide in pipes HP2031
- 4pcs Lock & lifting sprint HP2034

Totalweight about 235kg

All parts can be bought sepearate.

**O.B.S. The assembly instruction is designed for and describes our standard platform HP2030 but the procedure is the same.**

**What is different is that one uses the plug tubes in each other outer tube. 1-3 or 2-4 to move the platform and that no loose bracket comes with this platform, this is fixed on the platform.**

THE PLATFORM IS:

- POWERFUL AND STABLE
- SUITABLE FOR MULTIPLE OF THE EXISTING BARACKS
- SYMMETRIC AND CAN BE TURNED FOR RISE FROM LEFT OR RIGHT
- EASY AND FAST TO ASSEMBLY / REMOVE
- TRANSPORTATION AND STORAGE-FRIENDLY
- COMPATIBLE WITH HORISONT CABBIN & EVACUATION STAIRS (15 AND 18 STEPS)

LxW = 1735x1350 mm / Weight = 190 kg (including railings and shelf support)



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### Figure 1 / Figure 3

This access to 2nd floor barack is completely steel and consists of a complete platform with slide in pipes and a 18 step (alt. 15 step) staircase.

### Figure 2

The PLATFORM (the resting plane) consists of four parts:

- 1 piece of a platform with expanded sheeo metal, size 1735x1350 mm, on heavy duty frame.
- 2 railings - one long side and one short side.
- 1 lock bracket.

Inside the platform's supporting beams (120x60x3), at the delivery, the slide in pipes (brackets) which are to be "slided" into the fork pockets of the upper barack.

These slide in pipes (brackets) are "trapped" between four lockable pins.

When the platform is to be prepared for use, these plugs are pushed in half and locked with two off the sprints through the holes in the tubes - either right or left. The end is provided with welded bumps at the top should remain in the platform.

The slide in pipes are secured again with the pins and ring pins.

As a protection against falling dirt, a 12 mm board can be inserted under the platform in welded U-profiles (board size, approx. 1490x1200 mm).

These preparatory steps can conveniently be done with the platform in ground position.

At the outer end of the projecting slide in pipes are M16 bolts to be adjusted to the height suitable for the baracks inside fork pockets height. The height of the bolt shells must be "the box height -100 mm" (eg 110-100 = 10 mm). minimum The inside box height is 90 mm.

When this is done, the platform can be pushed into the forks on the barack, which can then be lifted into place. The railings can be mounted either before or after and the corner posts are bolted together.

For the platform to be firmly anchored there is a square bracket "locking bracket" that is lowered through two of the vacant "Handrainers" and screwed at the lower body with French screw (not included in delivery).

Possibly, the handrail next to the body wall can also be screwed in with French screw M8 - M10.

The stairs are lifted in place and raised on the platform by the stair brackets mounted on the top of the stairs step. The upper part of the stairs is locked with the pins on the designated pins on the platform. The stairs should be something "precipitated" during the hitch (suspension).

The staircase consists of 4 pipes 60x20x2 as side pieces.

On these, the 18 (or 15) steps are pivotally screwed. The dimensions of the ladder are 900x215x45 mm.

The handrails can easily be mounted on both sides of the stairs by "immersion" in the post holders (which should be Open).

Now the steps of the stairs can be set in wave with the help of the "loose" handrails, after which the post holders are tightened so hard that the handrails "stubborn" are pressed firmly against the side pieces. This also makes the whole staircase very sturdy.

Then the latches are tightened tightly as well.

**NOTE!** The stairs should not be accessed until it is locked by post holders or latches!

The longitudinal railing of the platform is provided with a connecting wing against one of the stair rails that is screwed in correctly angle.

### Figure 3

The access route is now complete and ready to use.

Disassembling:

In principle, dismantling is done in the opposite direction.

The stairs can advantageously be taken down whole and collapsed on the ground for transport.



Completely mounted access floor for upstairs housing, here with HP2000 - 18 Step living staircase which is our longer variant.

HP2001 - 15 Step staircase is used if you prefer a steeper staircase with less foot print reach out.



Through a total of 9 lock points (8 for the railing + 1 for the stairs), a truss lock is obtained which provides a very stable access to the upper barack.



Mounted in fork pockets and locked.

O.B.S. The detail that the plug tubes are located in outer tubes 1-3 from the stairs

**RED** dots.

Best possible slip resistance, rust protection and permeability of snow and dirt.

