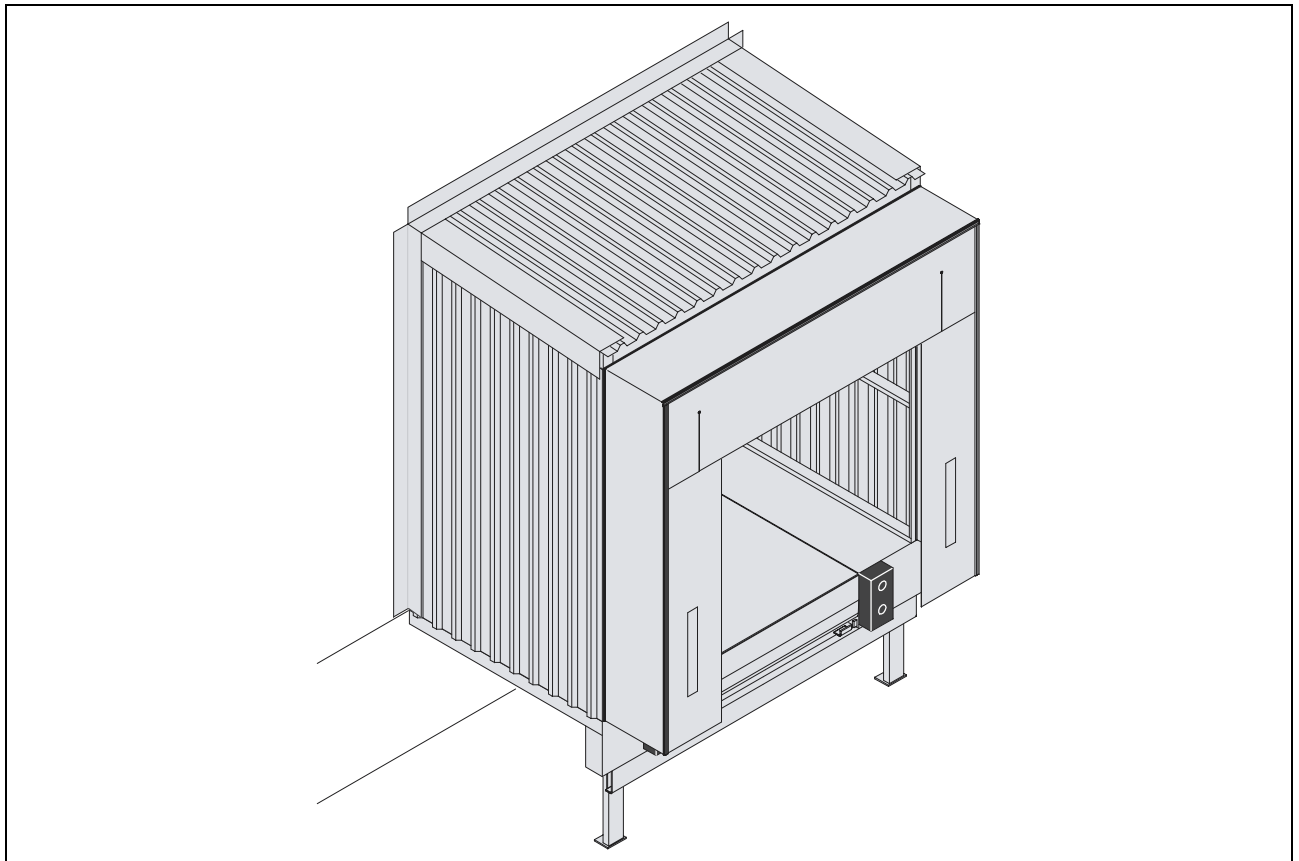


Product data sheet

Load House

Model Load House

Serial number: **HM L0000114**
HI L0000115
HE L0000116



Load House

The LOAD HOUSE is a loading system that together with the AUTODOCK represents a complete and stand alone unit that is installed in front of the building. It comprises all components of a docking system: dock leveller, dock shelter, sectional door, autodock (supporting structure) and the cladding. Since it is installed outside the building directly in front of the door opening it has great advantages over a conventional internal ramp for both new buildings as well as for existing buildings that are to be upgraded without any major modifications to the construction of the building. It is general standard that the whole steel frame construction of the hafa LOAD HOUSE hot dip galvanized. A roof drainage system and flashings adapted to your building are recommended as options.

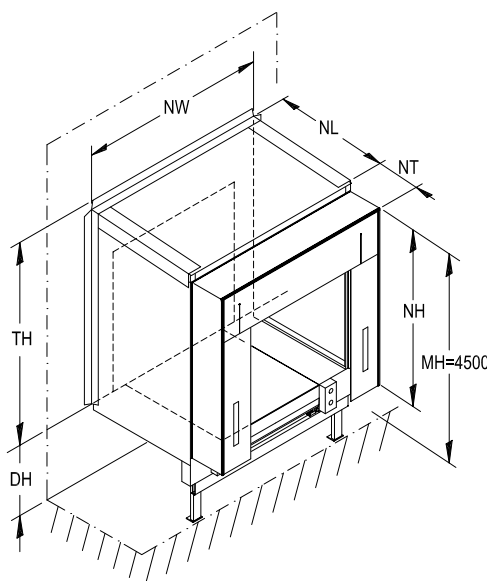
These are the advantages of the LOAD HOUSE:

- The thermal separation of the warehouse from the docking system guarantees a considerable decrease in energy costs. This is highly important for temperature-controlled warehouses and freezer warehouses.
- Easy and fast installation due to pre-assembled components which are installed on existing foundations and which can be fastened on the outside wall of the building. For extensions the installation is possible during the normal loading and unloading activities.
- The cladding consists either of non-insulated profile sheet material or of 40 mm insulation panels; it can also be cladded with the material of the warehouse facade.
- The LOAD HOUSE design allows the use of swing lip or telescopic lip dock levellers and the installation of different dock shelters which are exactly matched to the loading frequency.
- Since the system consists of individual components it can be installed either as a normal 90° multiple system or if the room in front of the loading system is limited as an angled multiple system or as a single house.
- The storage room in the warehouse is extended since the complete docking system is placed outside the building.
- Even shorter tax depreciation periods are possible. Please ask your tax lawyer.

- Design loads according to DIN 1055 Teil 4
 - max. snow load: 3,0 kN/m²
 - max. wind load 0.65 kN/m²
- Design of the steel construction according to DIN V EN V 1993 1.1-1.3, EUROCODE 3
- Observe the local building regulations

Model HM - House Mechanical (Load House for mechanical dock shelter, type SME/SMS/SMP)

Article-No.: L0000114



NW nominal width [3300/3500 mm]
 NL nominal length
 TH total height
 DH dock height
 NH nominal height dock shelter
 NT nominal width dock shelter
 MH assembly height dock shelter
 Recommendation: MH=4500 for lorry-heights up to 4000 mm

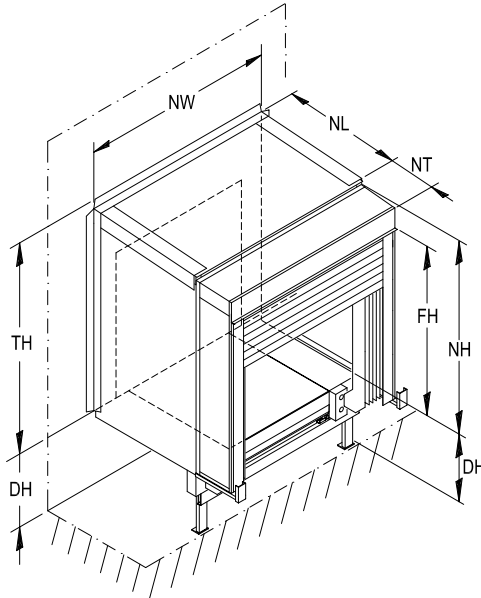
NL	2010			2450			3010			3510		
TH*	3975	3840	3640	4000	3865	3665	4025	3890	3690	4050	3915	3715
DH	950 - 1050	1100 - 1250	1300 - 1500	950 - 1050	1100 - 1250	1300 - 1500	950 - 1050	1100 - 1250	1300 - 1500	950 - 1050	1100 - 1250	1300 - 1500

*Measurement only valid for insulated wall set up.

All sizes in mm.

Model HI - House Inflatable (Load House for inflatable dock shelter, type SIB/SIR)

Article-No.: L0000115



- NW nominal width [3600 mm]
- NL nominal length
- TH total height
- DH dock height
- NH nominal height dock shelter
- NT nominal depth dock shelter
- FH free height above finish floor level

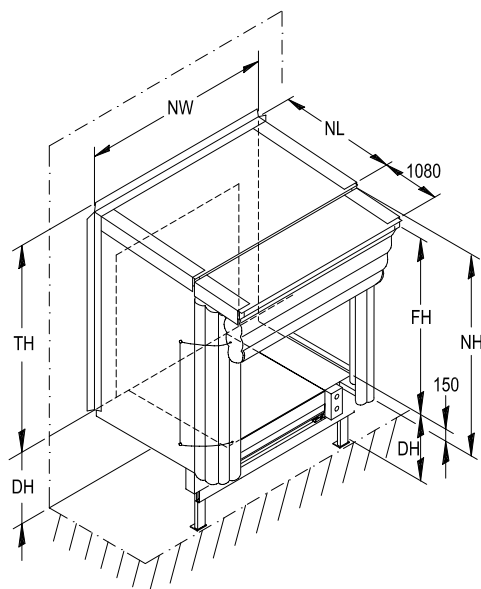
NL	2010				2450				3010				3510			
TH*	3975	4175	4475	4775	4000	4200	4500	4800	4025	4225	4525	4825	4050	4310	4550	4850
NH	3555	3755	4055	4355	3555	3755	4055	4355	3555	3755	4055	4355	3555	3755	4055	4355
FH	3120	3320	3620	3920	3120	3320	3620	3920	3120	3320	3620	3920	3120	3320	3620	3920

* Measurement only valid for insulated wall set up.

All sizes in mm.

Model HE - House Economic (Load House for inflatable dock shelter, type SIE)

Article-No.: L0000116



- NW nominal width [3300/3600 mm]
- NL nominal length
- TH total height
- DH dock height
- NH nominal height dock shelter
- NT nominal depth dock shelter
- FH free height above finish floor level

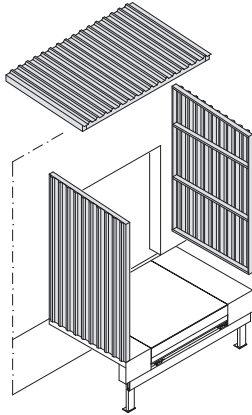
NL	2010				2450				3010				3510			
TH*	3640	3840	4175	4775	3665	3865	4200	4800	3690	3890	4225	4825	3715	3915	4310	4850
NH	3425	3775	3925	4375	3425	3775	3925	4375	3425	3775	3925	4375	3425	3775	3925	4375
FH	2900	3250	3400	3850	2900	3250	3400	3850	2900	3250	3400	3850	2900	3250	3400	3850

* Measurement only valid for insulated wall set up.

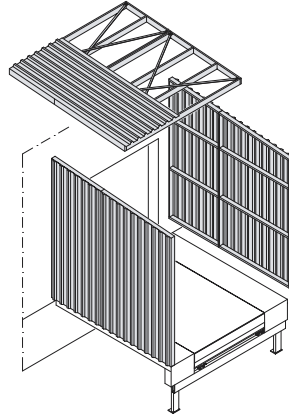
All sizes in mm.

Options - Wall set up for HM, HI, HE

U = non-insulated



NL = 2010, 2450 [mm]



NL = 3010, 3510 [mm]

Installation time

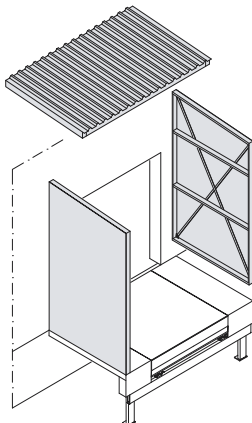
single unit

NL [mm]	2010 / 2450	3010 / 3510
U [h]	8	18
crane [h]	1	2

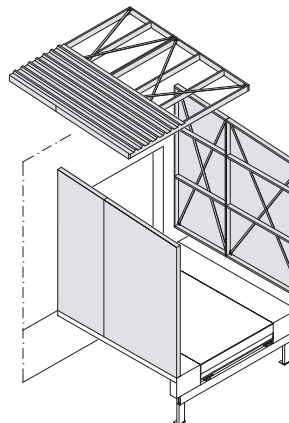
multiple unit

NL [mm]	2010 / 2450	3010 / 3510
U [h]	6	12
crane [h]	0,75	1,5

I = insulated



NL = 2010, 2450 [mm]



NL = 3010, 3510 [mm]

Installation time

single unit

NL [mm]	2010 / 2450	3010 / 3510
I [h]	9*	18*
crane [h]	1	2

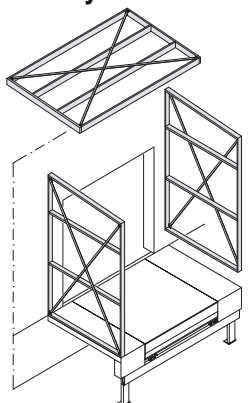
* additional time when iso-panels are delivered separately: NL 2010/2450 + 7h; NL 3010/3510 + 5h

multiple unit

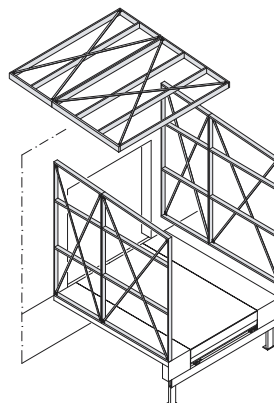
NL [mm]	2010 / 2450	3010 / 3510
I [h]	6*	15*
crane [h]	0,75	1,5

* additional time when iso-panels are delivered separately: NL 2010/2450 + 6h; NL 3010/3510 + 1h

X = only steel frame



NL = 2010, 2450 [mm]



NL = 3010, 3510 [mm]

Installation time

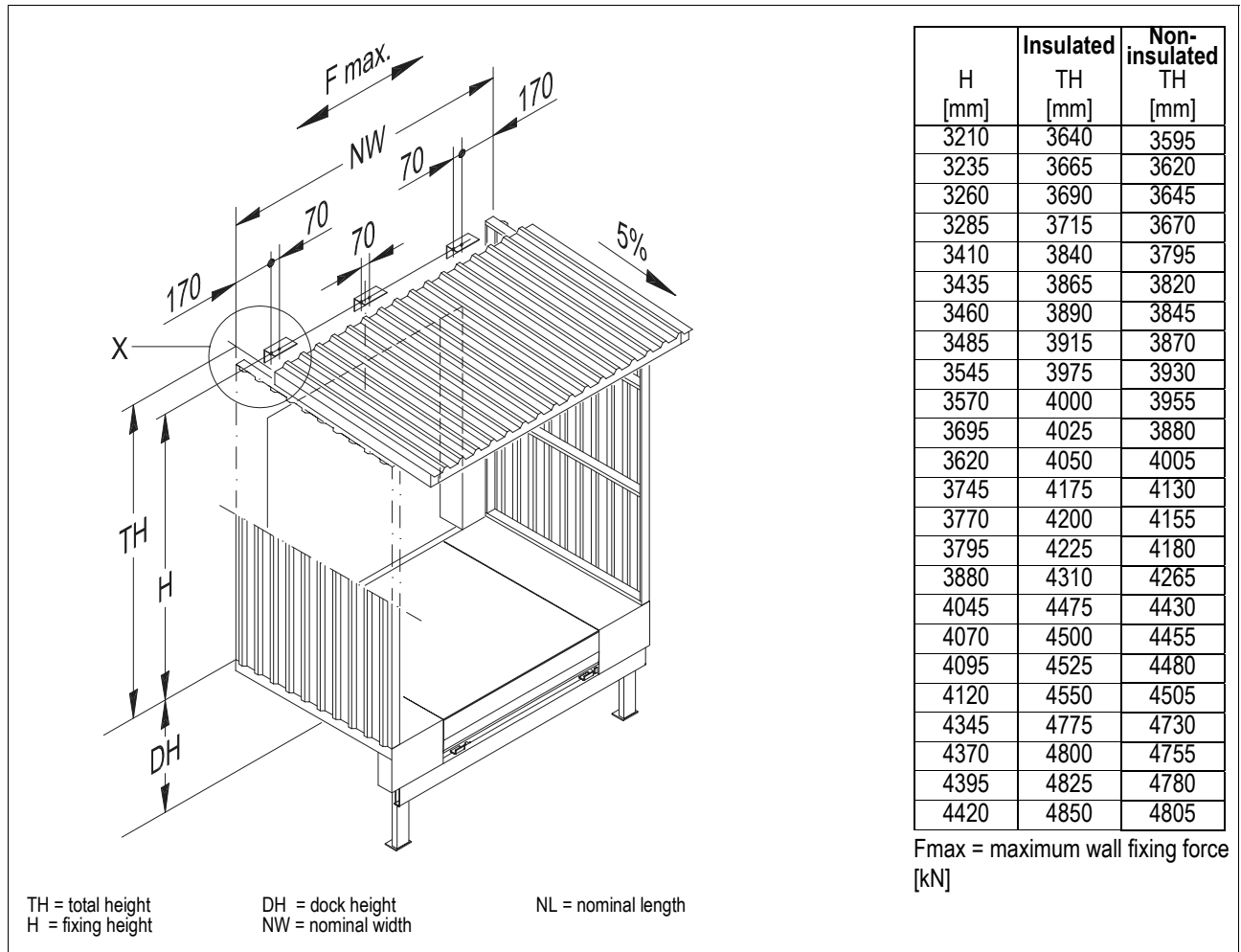
single unit

NL [mm]	2010 / 2450	3010 / 3510
X [h]	6	10
crane [h]	1	2

multiple unit

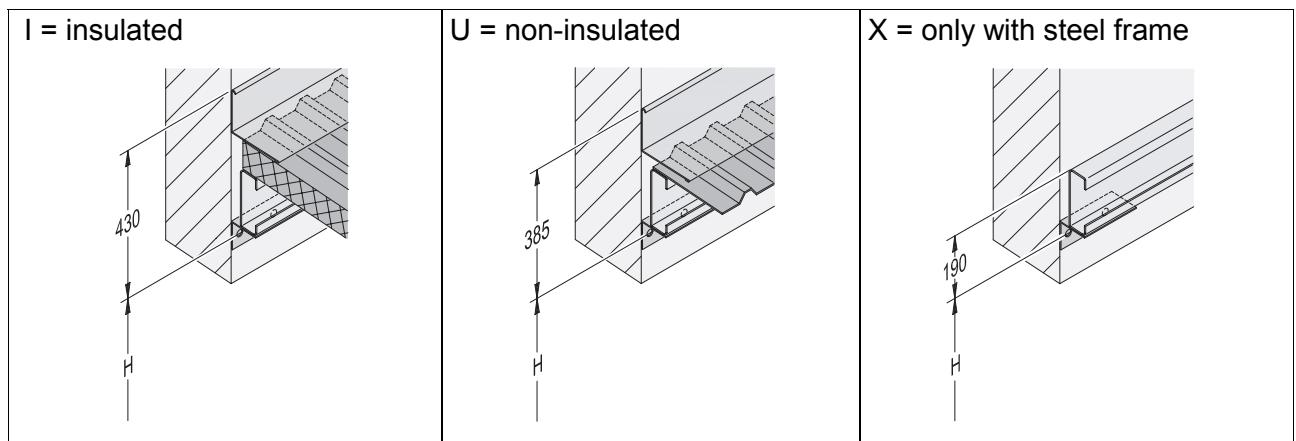
NL [mm]	2010 / 2450	3010 / 3510
X [h]	4	7
crane [h]	0,75	1,5

Wall fixings



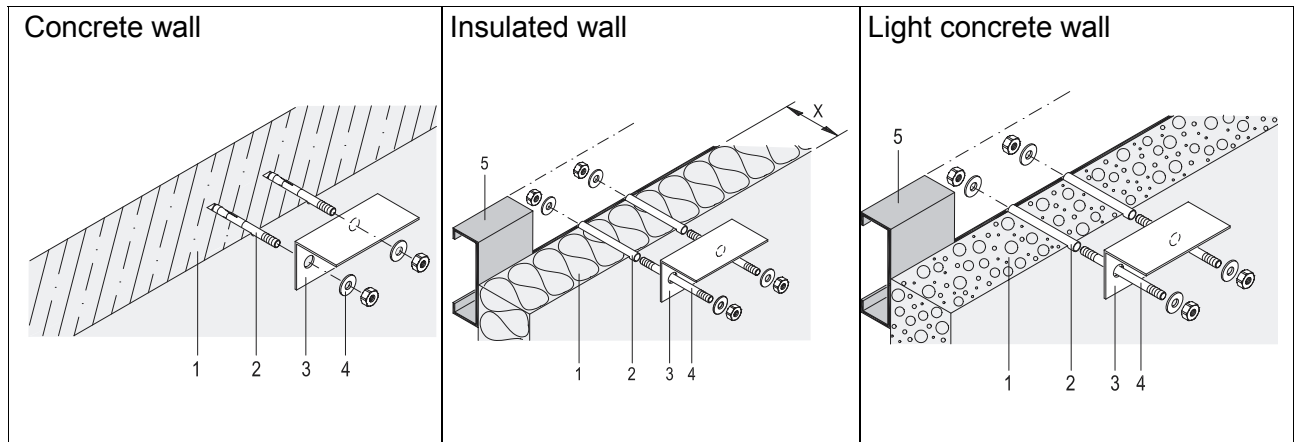
NL [mm]	2010	2450	3010	3510
Fmax [kN]	3.02	3.70	4.57	5.36

Detail „X“



H fixing height (min. 100 mm above door height)

Wall fixings



- 1 concrete wall
- 2 dowel
- 3 support bracket
- 4 washer

- 1 insulated wall
- 2 spacer tube
- 3 support bracket
- 4 threaded bolt with nut and washer
- 5 mounting frame *
- x wall thickness (x=100 mm or 120 mm)

- 1 light concrete wall
- 2 spacer tube
- 3 support bracket
- 4 threaded bolt with nut and washer
- 5 mounting frame *

*) by others
not included in the delivery

Options

