



# ***E BOOK***

## ***E NUX - E NUX SIMPLEX***

### **LOAD INDICATIONS**

### **Handling and lifting operations**



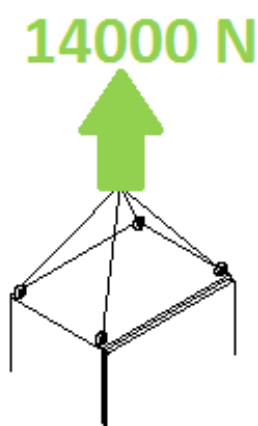
All the indicated weights are expressed in Newton [N], as a unit of measurement of the weight force.

Force [N] = mass [kg] · acceleration of gravity [m/s<sup>2</sup>]

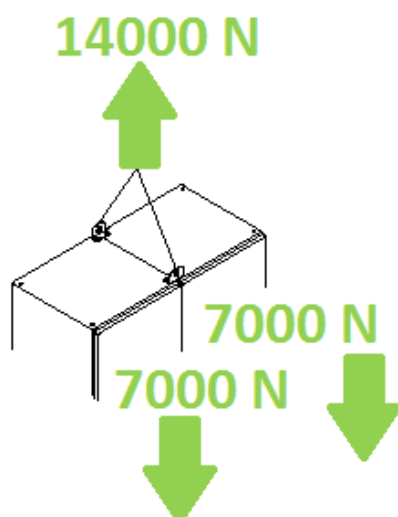
Acceleration of gravity  $g = 9.81$  [m/s<sup>2</sup>]

## 1.) LIFTING AND MOVEMENT FROM ABOVE (THROUGH BELTS AND CHAINS)

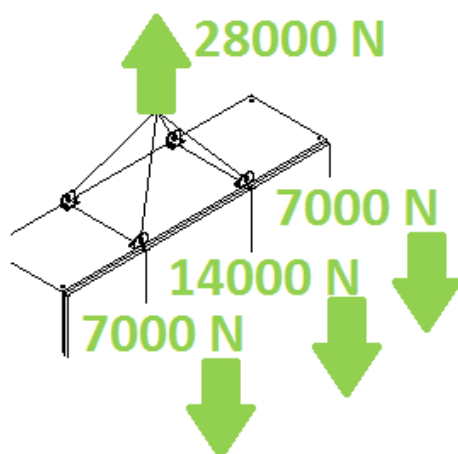
- a) single cabinet with 4 eyebolts ( $P_{\max(\text{cabinet})} = 1400 \text{ kg}$   $P = 14000 \text{ N}$ )



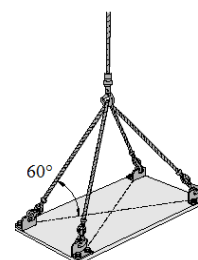
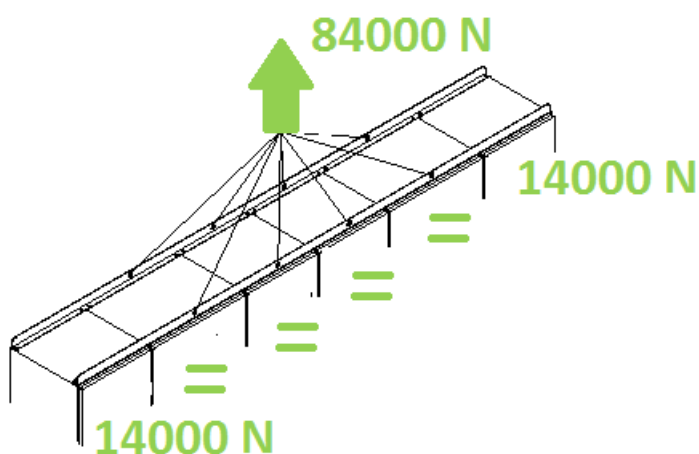
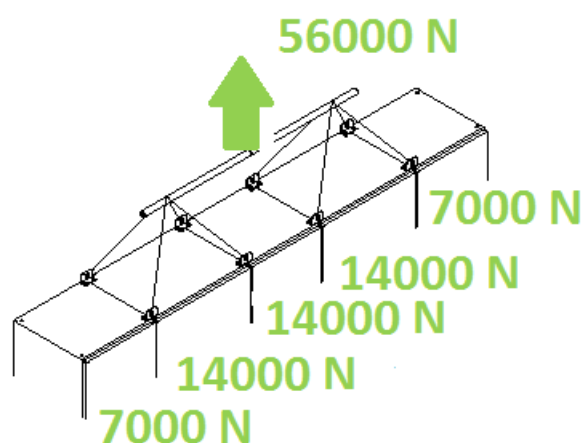
- b) 2 cabinets joined in a suite and 2 lifting brackets



c) 3 cabinets joined in a suite and 4 lifting brackets



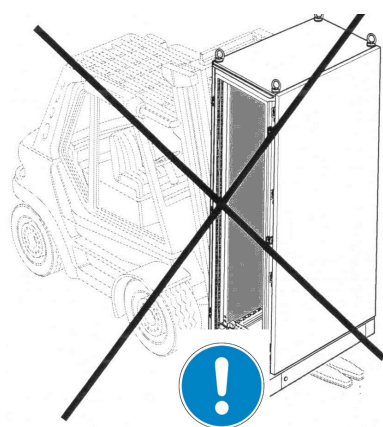
d) More than 3 cabinets joined in a suite. It is suggested to follow the drawings below:



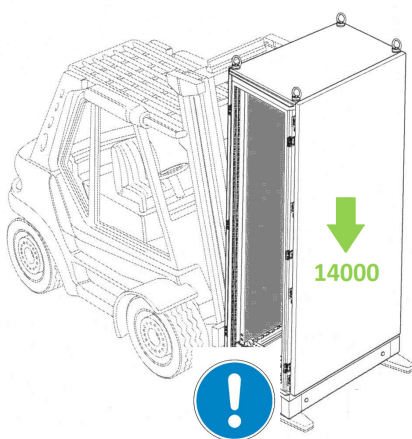
## 2.) LIFTING AND MOVEMENT THROUGH FORKLIFT TRUCK

If single cabinets or joined cabinets are mounted, it is necessary to ensure that:

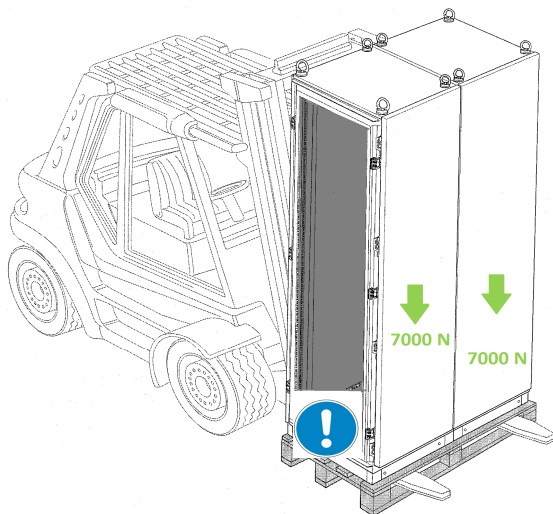
- a) the forks of the forklift truck are as wider as possible
- b) front and side crosspieces of the plinth are assembled
- c) in case of 2 cabinets joined in a suite, the plinths have to be screwed on a wooded pallet if the weight does not allow to move the cabinet with the forks in a safe way (in their maximum weight)
- d) in case of more than 2 cabinets joined in a suite, it is necessary to use one additional plinth crosspiece (turn it upside down and screw it on the 2 central corner pieces - see drawing 2.)



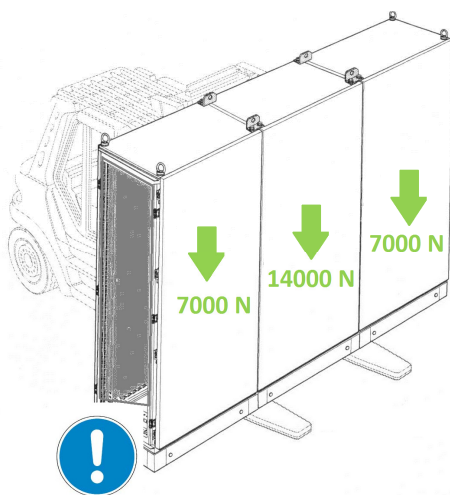
notes a) + b)



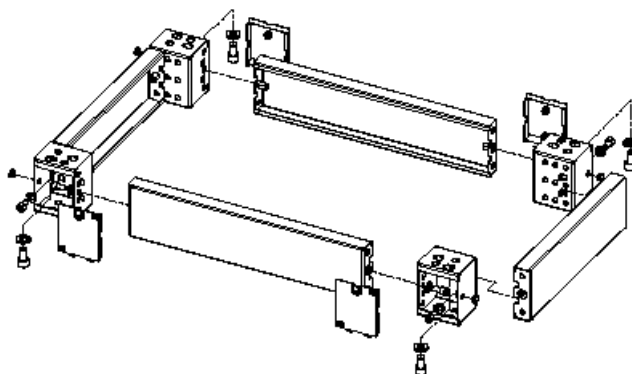
notes a) + b)



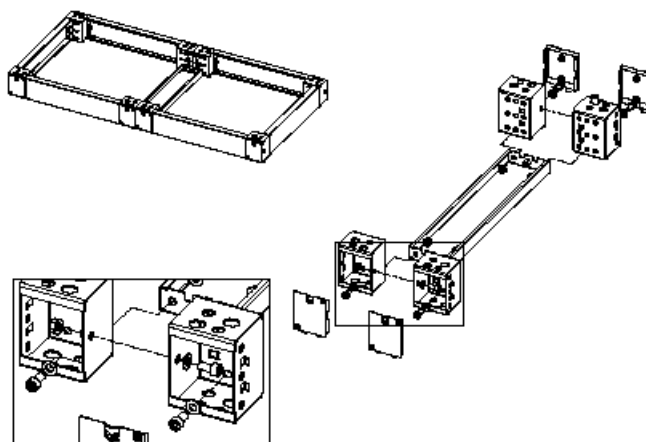
notes a) + b) + c)



notes a) + b) + d) + plinths 1) , 2)



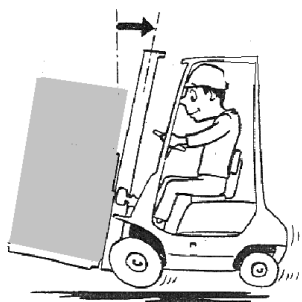
1)



2)

## N.B:

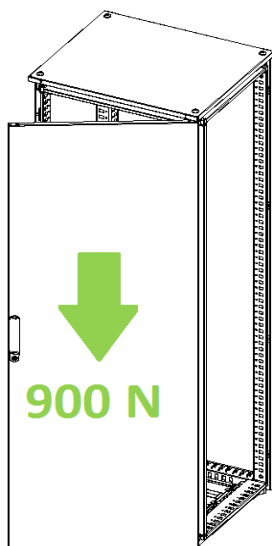
- If possible, please use case c) also for other types of cabinets joined in a suite. The maximum loaded weight must not exceed that indicated one in the drawings.
- For safe handling, please comply with the standards described by Dlgs 81/2008 and following. Below it is represented an example of handling with forklift in safety for things and people.



Keep the load against the support, with the upright leant back.  
Do not lift or lower loads, when the forklift is on the move.  
Check that the forks are positioned under the load in their total length with the load itself leant against the support.

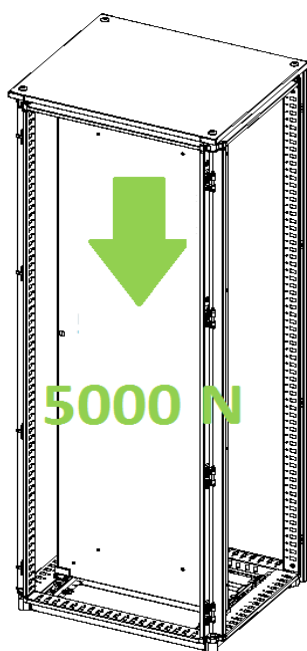
## 3.) LOAD DRAWINGS

### DOOR with standard hinges and 180° rotating hinges

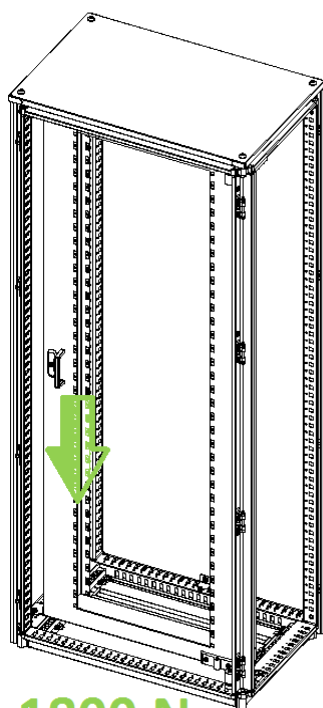


It is suggested to put the weights (i.e. the conditioning units) next to the hinges and in a lower position, according to the requirements of the end user.

### MOUNTING PLATE



## RACK FRAME



1800 N

If the rack frame is mounted with the support crosspiece, the rack frame has 2500 N as limit of charge.

N.b.: the indicated values have to be considered as preventive, in order to guarantee a greater safety for the user. As a matter of fact, tests have been performed in harder conditions to extend the indicated data to the main installations.