



Stacking pallets

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Manual for stacking pallets

With the use of stacking pallets are the guidelines for storage facilities and devices of the federation of the commercial professional associations ZH 1/428, version 4.1988 also this manual to be brought to the attention of and considered from these to the user or the persons employed:

1. Use only perfect and intact stacking pallets!
 2. Batches are to be established perpendicularly. Batches with more than 2% inclination are to be diminished in safe way.
 3. When creating batches sufficiently measured traffic routes must be furnished.
 4. With the stacking of the pallets may not be exceeded the admissible pay loads, loads and batches height. The floor must surely take up the total cost from the batches and the surface quadruple stacking in closed spaces it is 910 N/cm² and during triple stacking outside it is 782 N/cm².
 5. The loading has to take place in such a way that the stored material cannot out or fall down.
 6. The stored material must be stored in such a way that it does not project into the traffic routes.
 7. When stacking the pallets with very different loads these must decrease upward.
 8. Stacking pallets may be taken up and stacked only with suitable implement, i.e. for example with the use by forks the fact that these correspond to the dimensions that to stack the stocks units and neither too long nor is too short, or with the raising at the 4 corners that by suitable cross beams as perpendicular a course as possible is achieved.
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9. The signing on the stacking pallets have the following meaning:

Hersteller.....	 2006	
Tragfähigkeit	1,5 t	Gebrauchsanweisung (Kurzfassung) <ul style="list-style-type: none">• Tragfähigkeit beachten• Zulässige Auflast nicht überschreiten• Kein Aufenthalt im Gefahrenbereich der Last• Niemals mehr als 4 beladene Paletten stapeln• Max. Stapelneigung 2°, tragfähigen Untergrund sicherstellen• Palette so beladen, dass die Last oder Teile der Last nicht herausfallen können• im Betrieb nur mit geeignetem Gehänge transportieren• Gebrauchsanweisung beachten
Auflast.....	4,5 t	
Eigengewicht ..	28,8 kg	
Typ	Stapelpalette lackiert	
lichtes Maß	150 x 87 x 70 cm	
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(during transverse storage the evenly distributed pay load for each stacking pallet 650 kg may not exceed!

10. Maximum one is quadruple stacking including the lowest stacking pallet certified in closed spaces. With higher stacking with smaller pay load than 1.5 t it must be paid attention to the fact that permissible load is not exceeded by 4,6 t, stability is after paragraph 4.1.2 and 4.1.3 o.g. to prove guidelines.

11. Stacking outside.

With stacking in the free one it is to be made certain that the admissible load is not exceeded by 3,1 t, i.e. that with consideration of the dead weight the stored material may be difficult during triple stacking 1.5 t and during quadruple stacking only 1.0 t.

11.1 During triple stacking may not cross the wind attack region of the stored material for 1,363m², that means that on utilization of the batch room height of 536 mm the stored material may have a max. length of 2,54 m.

In order to achieve required stability, surface of 1,363 m² must be difficult the stored material for each stacking pallet at least 456 kg when utilization the wind attack.

11.2 During quadruple stacking may not cross the wind attack region of the stored material for each batch unit 0,999 m², that means that on utilization of the batch room height of 536 mm the stored material may have a max. length of 1,86 m.

In order to achieve required stability, the stored material must be difficult for each stacking pallet at least 449 kg on utilization of the wind attack region of 0,999 m².

With longer stored material similarly the stored material height is to be reduced accordingly in each case to the wind attack region.

Empty stacking pallets may be stacked only into one another.

In the case of the feed on a truck stacking pallets may not be stacked one above the other.

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