



Stacking pallets and boxes

July 2019 edition

Structure and use guidance

With the use of stacking pallets or stacking frames the DGUV rule 108-007 „Storage facilities and -equipment“, 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 working loads, loads and batches height. The floor must surely take up the total load from the batches and the surface pressure underfoot record safely, those with maximum working load per pallet quadruple stacking in closed spaces in column E and for triple stacking outside in column F (see table).
 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:

Production year → Hersteller..... müeba → 2016

max. working load Table column C → Tragfähigkeit 1,5 t

max. extra load Table column D → Auflast..... 4,5 t

Own weight Table column B → Eigengewicht .. 28,8 kg

Order no. Table column A → Typ Stapelpalette lackiert

lightes Maß 150 x 87 x 70 cm

Baujahr 2016

Gebrauchsanweisung (Kurzfassung)

- 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

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10. Maximum one is quadruple stacking including the lowest stacking pallet certified in closed spaces. With higher stacking with smaller work load must take care, that the permissible load is not exceeded, the stability is after DGUV rule 108-007, annex 1 „Calculation and graphics for stack heights“.

11. Stacking outside.

With stacking in the free one make sure, that the permissible load is not exceeded.

Order no.	Name	own weight [kg]	max. work load Q [kg]	max. extra load [kg]	Stacking with 4			Stacking with 3		
					Stack height [n]	Total mass [kg]	Surface pressure [N/cm²]	Stack height [n]	Total mass [kg]	Surface pressure [N/cm²]
12110	Stacking frame	25	1000	3000	4	4100	609,4	3	3075	457,1
12119		25	1000	3000	4	4100	609,4	3	3075	457,1
15250	Stacking pallet	20	1500	4500	4	6080	903,7	3	4560	677,8
15260	Stacking pallet	27,6	1500	4500	4	6110,4	908,2	3	4582,8	681,2
15269		29,8	1500	4500	4	6119,2	909,5	3	4589,4	682,2
15270	Stacking pallet	27,6	1500	4500	4	6110,4	908,2	3	4582,8	681,2
15279		28,9	1500	4500	4	6115,6	909,0	3	4586,7	681,8
15280	Stacking pallet	28,8	1500	4500	4	6115,2	908,9	3	4586,4	681,7
15289		30,3	1500	4500	4	6121,2	909,8	3	4590,9	682,4
15300	Box pallet	52	1500	4500	4	6208	922,7	3	4656	692,1
15309		57	1500	4500	4	6228	925,7	3	4671	694,3
15310	Box pallet	60	1500	4500	4	6240	927,5	3	4680	695,6
15319		64	1500	4500	4	6256	929,9	3	4692	697,4
15320	Box pallet	62	1500	4500	4	6248	928,7	3	4686	695,5
15329		66	1500	4500	4	6264	931,1	3	4698	698,3
15459	Heavy load box	64	2000	6000	4	8256	3063,2	3	6192	2297,4
15340	Formwork girders pallet	37	1500	4500	4	6148	913,8	3	4611	685,4
15349		40	1500	4500	4	6160	915,6	3	4620	686,7
15379	Heavy load pallet	38	2000	6000	4	8152	3024,6	3	6114	2268,5
15390	Rental pallet	43,5	2000	6000	4	8174	1215,0	3	6130,5	911,2
15399		47	2000	6000	4	8188	1217,0	3	6141	912,8
15400	Multipurpose pallet	25	1000	3000	4	4100	609,4	3	3075	457,1
15409		26	1000	3000	4	4104	610,0	3	3078	457,5
15439	Heavy load pallet	44	2000	6000	4	8176	3033,5	3	6132	2275,1

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.

Technical subject to change 10.07.2019

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