

SPECIFICATION FOR TIMBER PALLETS

AMENDMENT NO. 1

December 1999

1. **Page 9, Subclause 4.3.1**

Delete the whole subclause and *substitute* with the following:

4.3.1 Flat pallets

The general dimensions of standard flat pallets shall be as follows:

4.3.1.1 Plan dimensions shall conform to the values in the following table:

Designation	Nominal plan ($\lambda \times w$) dimensions in mm
A	800 x 1200*
B	1000 x 1200*
C	1100 x 1100
D	1100 x 1400
E	1200 x 1200
F	1200 x 1800

Pallet sizes stated in ISO 6780 : 1988 – 'General-purpose flat pallets for through transit of goods – Principal dimensions and tolerances'.

NOTE. Pallets of dimensions other than those listed above are not precluded from the test procedures specified in Annexes D - G.

The tolerances on the nominal overall plan dimensions given in 4.3.1.1 shall be $\begin{smallmatrix} 0 \\ -6 \end{smallmatrix}$ mm.

NOTE. In order to meet the specified tolerances, certain materials require a positive tolerance at the time of manufacture because of shrinkage. Such pallets may have a manufacturing tolerance of ± 3 mm.

4.3.1.2 Vertical dimensions for lifting devices

4.3.1.2.1 The entries for the forks of fork lift trucks and the fingers of pallet trucks shall be not less than 98 mm high, except for pallets with free entries, where they shall be not less than 95 mm high.

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4.3.1.2.2 If notches for the forks of fork lift trucks are provided, the distance from the top of the notch to the ground shall be not less than 55 mm. The distance from the top of the notch to the base of the stringer itself shall not exceed 45 mm.

4.3.1.2.3 The distance from the underside of the lowest element of the top deck to the ground shall not exceed 127 mm for partial four-way pallets and double-deck pallets with free entries.

For full perimeter base pallets, this distance shall not exceed 156 mm.

NOTE. With hygroscopic materials, the dimensions stated in 4.3.1.2.1, 4.3.1.2.2 and 4.3.1.2.3 relate to an average moisture content of (20 ± 2) %.

4.3.1.3 The width of the wing shall not be less than 65 mm.

4.3.1.4 The free entry height under wing for wing pallets shall not be less than 70 mm.

4.3.1.5 The bearing surface of the element or elements of the bottom deck shall be equal to or greater than 35% of the nominal overall plan dimensions.

NOTE. 35% should be regarded as the absolute minimum and should be increased wherever practicable.

4.3.1.6 The thickness of the members of the bottom deck of a pallet shall not exceed 28 mm, to facilitate entry of the finger-wheels of a pallet truck. If the thickness exceeds 10 mm, the leading and trailing edges of the members of the bottom deck shall be chamfered on each side of the top face as follows:

- a) the angle between the chamfered face and the horizontal shall be $40^\circ \pm 5^\circ$;
- b) the height of the vertical face of the member shall not exceed 15 mm.

4.3.1.7 At the time of manufacture, the difference in length of the two diagonals shall not exceed 13 mm.

4.3.1.8 The bottom deck shall conform with Figures 1 – 6 as appropriate (see Annex A for explanation).

2. **Page 13, Figure 1**

Delete the existing figure and substitute with the following new figure:

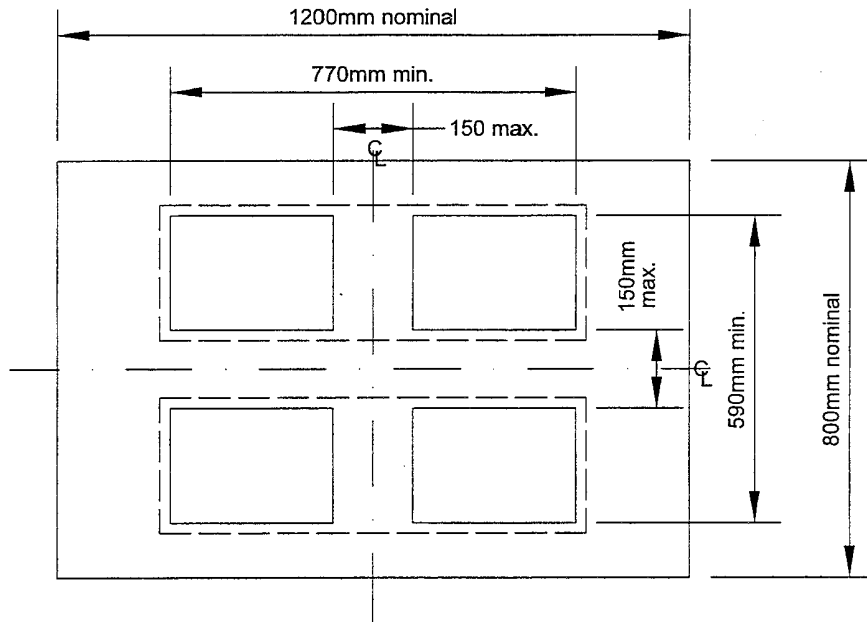
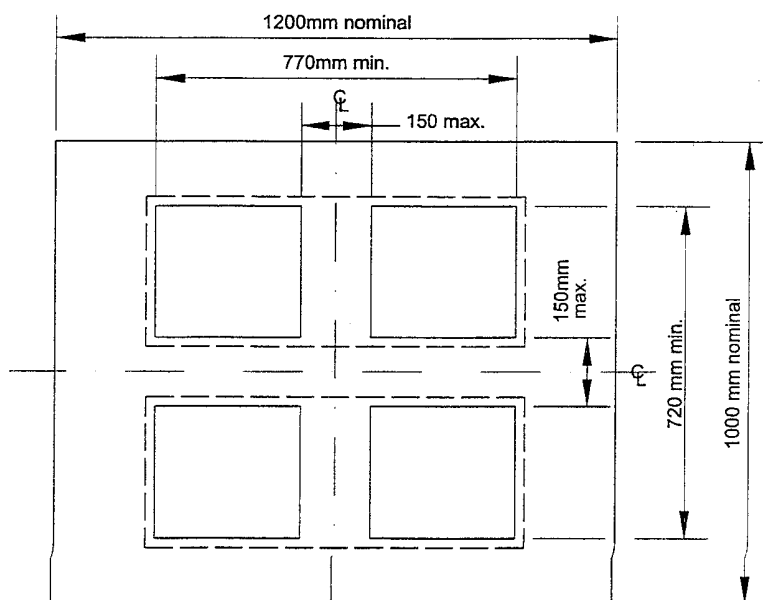


Figure 1 – Minimum openings for pallet truck wheels in bottom deck of 2-way and 4-way 800 mm x 1200 mm pallets

NOTE. Where the design permits, the openings may be extended to form two rectangular openings as indicated by the dotted lines, in which case the dimension of 770 mm may be increased to 800 mm.

3. **Page 13, Figure 2**

Delete the existing figure and substitute with the following new figure:

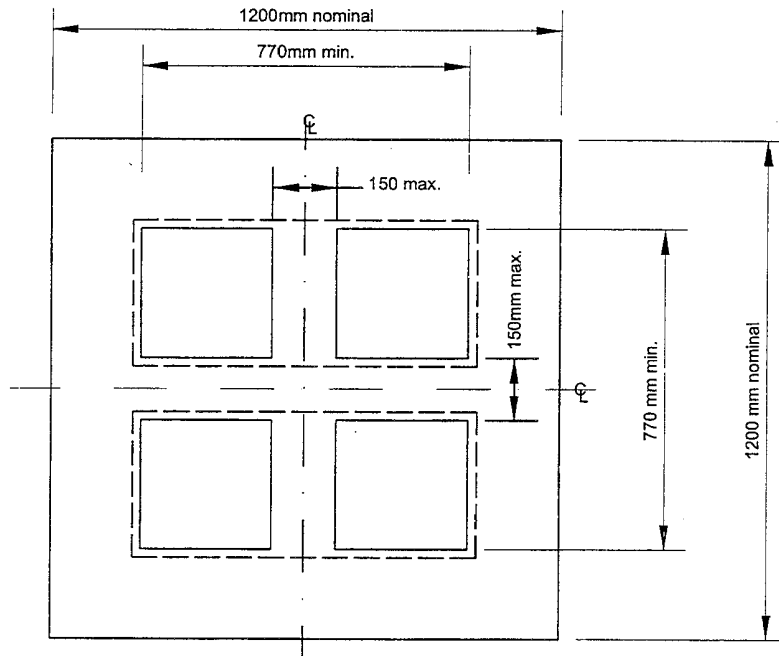


**Figure 2 – Minimum openings for pallet truck wheels in bottom deck
Of 2-way and 4-way 1000 mm x 1200 mm pallets**

NOTE. Where the design permits, the openings may be extended to form two rectangular openings as indicated by the dotted lines, in which case the dimension of 770 mm may be increased to 800 mm.

4. **Page 16, Figure 5**

Delete the existing figure and *substitute* with the following new figure:



**Figure 5 – Minimum openings for pallet truck wheels in bottom deck of
2-way and 4-way 1200 mm x 1200 mm pallets**

NOTE. Where the design permits, the openings may be extended to form two rectangular openings as indicated by the dotted lines, in which case the dimension of 770 mm may be increased to 800 mm.