HANDLING INSTRUCTION: MULTI-LAYER WOODEN CRATE

Foreword

Packaging plays an important role in flexographic printing plates. Scratches and dents in the plates can negatively affect the printed product. To protect the printing plates, the boxes are divided into several layers to keep the pressure load on the bottom plates as low as possible. The wooden box is easy to dismantle and can therefore be stored or shipped in a space-saving manner. The wooden crate is a natural product, which means that there may be color differences between the crates. The wooden box can be used multiple times, so the parts should not be thrown away or damaged if possible.

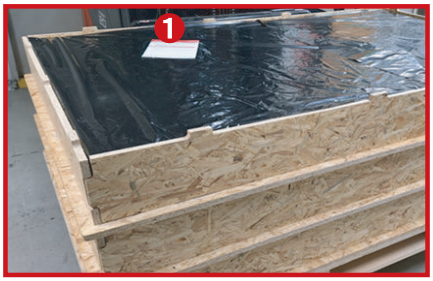
To protect against UV exposure, dust, and dirt, the printing plates in the wooden crates are wrapped in opaque PE film (black film). The intermediate layers of PE foam and solid cardboard offer additional protection against scratches and deformation.

To protect the employees as well as the printing plates, a wooden crate should always be opened and unloaded by 2 people.

Opening the box

The lid can be easily lifted as long as all transport locks have been removed.

- If possible, the lid should always be lifted by 2 people.
- The lid should be set aside after opening to minimize the risk of errors and accidents.



First visual inspection

- The recycling information is important, it should be removed and stored (1).
- Inspection of the integrity of the packaging.

To remove the long side wall, it must be tilted forward and can then simply be pulled out of the grooves upwards.

After the long side wall has been removed, it should also be set aside to minimize the risk of errors and accidents. Please do not damage or break the side walls.

After the long side wall has been removed, the black foil (PE film) can be removed. This is used to protect the panels from dust and dirt.

- Carefully remove the adhesive strips by hand.
- Please do not use sharp objects.

Removal of the top cardboard and foam film (1) The cardboard and foam foil can be disposed of from the top layer. Once a printing plate has been removed, the intermediate layers can also be disposed of.

- Cardboard in paper waste
- PE foam film in plastic waste for PE plastics

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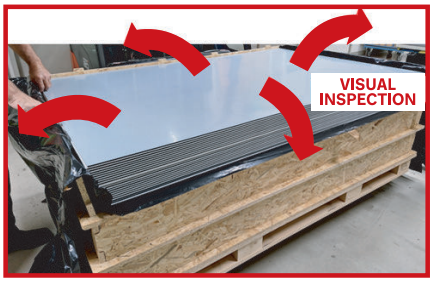
Remove one or a few plates



Remove the black foil completely so that the printing plate is completely uncovered. However, do not cut off the black foil, as it will be needed again to cover the remaining plates.

- The printing plates should be easy to reach
- Carry out a visual inspection

Remove only one printing plate at a time! Please always remove a printing plate with two people to avoid damaging the plate!

- The printing plate can be carried for a short distance or the support target is close to the box so that the plate can simply be pushed over.
- Special care should be taken when carrying a printing plate!

If there are still plates on a layer of the wooden crate after removal, it should be wrapped in black foil again.

- The black foil protects the printing plates from dust and particles.
- Please also make sure that no dirt or objects are left on the printing plates!

To insert the side panels, they only have to be inserted into the grooves of the base plate. The side wall can then be positioned vertically so that the two geometries on the left and right fit into each other.

- It doesn't matter how you hold the side wall, it always fits.

Finally, put the lid back on with two people. Make sure that the grooves in the lid fit into the geometries in the side walls. The grooves in the lid have enough play that the lid slides down without much force, thus closing the box.
Once the lid is properly in place, the box is closed again and can then be taken to the storage location.

- Please do not place heavy objects on the lid afterwards!

Remove many or all of the printing plates

If you want to remove several or all of the printing plates, remove the side panels on 3 sides. (*Tilt the side panels and pull them out.*)

- The removed side walls should be set aside after opening to minimize the risk of errors and accidents

(*If not already done*) ➡ Once the side walls have been removed, the black film (PE film) can be removed.

- Carefully remove the adhesive strips by hand
- Please do not use sharp objects!

Only when opening for the first time!
➡ Removal of the top cardboard and foam film (1)
The cardboard and foam sheet can be disposed of from the top layer. After a printing plate has been removed, the intermediate layers can be disposed of.

- Cardboard in paper waste
- PE foam film in plastic waste for PE plastics

Remove the black foil completely so that the printing plate is completely covered. However, do not cut off the black foil, as it will be needed again to cover it.

- The printing plates should be easy to reach
- Perform a visual inspection

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Only remove one printing plate at a time! Please always remove printing plates with two people to avoid damaging the plate!

- The printing plate can be carried for a short distance, but it is recommended that the target is as close to the wooden crate as possible (as shown in the picture above). Ideally, the printing plates can simply be pushed over.

After an entire layer of printing plates has been removed, the remaining packaging materials on the layer can be removed and disposed of.

- Please follow the recycling instructions

Finally, put the lid back with two people. Make sure that the groove in the lid fits into the geometry of the side walls. The grooves in the lid have enough play that the lid slides down without much force, closing the box.
Once the lid is properly in place, the box is closed again and can then be taken to the storage location.

- Please do not place heavy objects on the lid afterwards!

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