

# Photovoltaic cell loading and unloading equipment

What if a container is unloaded on the unloading platform?

If the container is unloaded on the unloading platform, it is required to be used with the unloading platform or tooling. The height of the unloading platform and the height of the unloading tooling should be kept at the basic level with the bottom of the container (loading bottom plate), and the height tolerance should be controlled within  $\pm 10\text{mm}$ .

How to choose a forklift for loading and unloading?

In the process of loading and unloading, the forklift should be selected reasonably according to the size and weight of the goods. If the fork length is less than  $3/4$  of the size of the goods, extension sleeves should be fitted on the forks before the module is forked, in order to avoid the packing container dumping when moving the forklift;

How should a forklift be loaded with modules?

When the forklift is loaded with modules, the spacing between the two forks should be adjusted as required. The load of the two forks should be balanced without deflection. One side of the module package should be close to the retainer (Figure 1);

How are the modules transported?

The modules shall be transported on a flat ground; When taking the modules out of the box, it is recommended to use protective tooling to separate the modules to prevent friction from producing flecks.

Do you need a fuel oil forklift to unload a module?

If the modules are unloaded from long side forks, fuel oil forklifts are needed to unload. When someone is required to direct the hoisting box to fall during unloading, it shall be kept as flat as possible to avoid collision and throwing of the module box, and the ground shall be flat (Figure 8).

Which unloading tools are required?

Unloading Tools: Forklift/Unloading platform/Unloading pad tooling. If the container is unloaded on the unloading platform, it is required to be used with the unloading platform or tooling.

Key Equipment of Pack Line; Key Equipment of Module Line; ... Solutions for Photovoltaic Cell Whole Line Logistics. Smart Logistics for Storage & Retrieval; ... The inline tube PECVD loading and unloading machine is to automatically load wafers from wafer box to PECVD quartz boat or unload them from boat to wafer box.

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**STORAGE AND UNPACKING INSTRUCTION OF PHOTOVOLTAIC MODULES** This manual is for Jinko solar PV module storage and unpacking instructions. To ensure the safety of loading, unloading, unpacking and storage of PV modules, please read this manual carefully.

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The types of equipment for photovoltaic module production lines mainly include: automatic glass loading machine, one EVA cutting and laying machine, automatic template loading machine, string welding machine, automatic swing machine, automatic busbar welding machine, ...

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