

Socket Type Hollow Board Folding Box

The split-type hollow plate folding box includes a rectangular box body, which is composed of the bottom plate and the front, rear, right and left side plates.

Traditionally, the turnover box is mostly fixed box structure, which has the defects of large space occupation, low storage utilization and large transportation cost. Although the folding box that appeared later overcame the above defects, there are still other shortcomings, such as :1. After folding, there is still a cavity in the middle of the box, which is not compact in folding structure and fails to minimize the volume; 2. Low load bearing capacity when the laminate is unfolded.

Advantages of socket type hollow board folding box:

- 1、 Because of the special structure, the folding carton is folded insert on the left side of the plate and the right side of the plate the plate from a slot in the disassembly, tile on the floor, then both inward turning plate and the back of the side plate, thus the whole fold into flat shape, folding structure is very compact, reduce footprint when empty container transportation, also reduce the transportation costs.
- 2、 Due to the whole plate structure of each insert plate and flip plate of this folding box, its load-bearing capacity is much better than "V" type folded folding plate in the existing technology, so the box structure is more stable and load-bearing capacity is better.

A schematic diagram of the folding box:

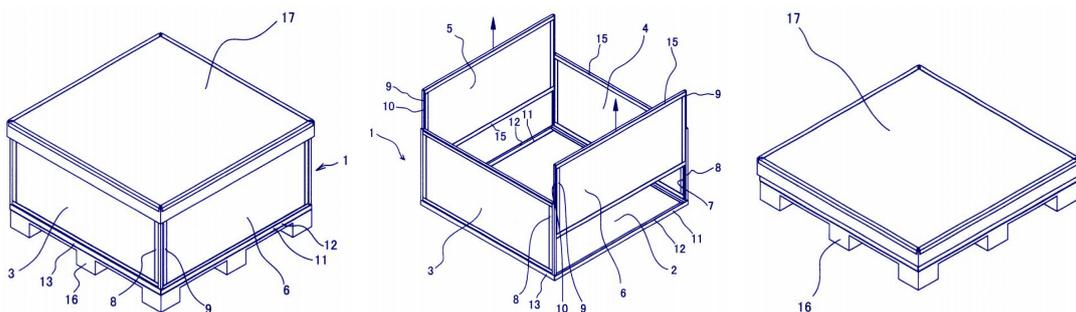


Figure1 schematic diagram of the overall structure/Figure 2 Schematic diagram of the folding process of the box body part/Figure 3 schematic diagram of the whole folded state
1. Rectangular box body;2. Bottom plate;3. Front side plate;4. Rear side plate;5. Left board;6. Right board;7. Slot;8. First connecting side strip;9. Second connecting side strip;10, connect the rib;11. Protect edges;12, fender;13. Protect edges;14. Lug boss;15. Protect edges;16.

Stack board;17, the cover body

Product parameters:

Textures: PP powder

Craftsmanship:hot-pressing

Plastic variety: environmental protection

Usage: business gifts, public relations planning, advertising and promotion industry

Characteristics of socket type hollow board folding box:

1.The front side plate and the rear side plate are provided with a first connecting side strip on the lateral two ends edges, and the slots are arranged on the first connecting side strip.

2.A second connecting side strip is arranged on the lateral edges of the left plate and the right plate. The second connecting side strip is provided with a connecting rib whose section matches the slot. The left plate and the right plate match the slot with the connecting rib on the edges of their two ends.

3.The height of the left plate and the right plate is less than or equal to the left and right transverse width of the bottom plate;The height of the front side plate and the right side plate is less than or equal to the lateral width of the bottom plate.

4.The back pad of the lower bottom plate is provided with a stack plate, and the lower bottom plate is fixedly connected with the stack plate.