



**DOLAV®**

**DVIR LAHAV PLASTIC PRODUCTS**

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מכון התקנים הישראלי

## CASE STUDY

## The Pharmaceutical Industry

One of the largest manufacturers and providers of active pharmaceutical ingredients, Teva Pharmaceutical Industries Ltd. was founded in Israel. Today this company is a global company specializing in pharmaceuticals with major manufacturing and marketing facilities in Israel, North America and Europe. ([www.tevapharmusa.com](http://www.tevapharmusa.com)). As one of the largest generic pharmaceutical companies in the world, *Logistics and Material Handling* must be executed with the highest priority for efficiency and cost.



The existing logistics --- the finished pharmaceutical product exits the production line and is placed on small trays. These trays must be transferred, as quickly as possible, to a cold storage area making efficient use of the available space in this area while still being ergonomically suited for the individual employee who is conveying the drugs.



DOLAV Plastic Products presented a working solution – both ergonomically correct and cost efficient. The KitBin® is, to all intents and purposes, a multi-purpose system that encompasses all stages of material handling. The patented design allows all the walls to be completely detached from the pallet base. Thus, the KitBin® box pallets can be filled from the front by leaving one wall detached.

For this specialized factory, a special solution was necessary. The KitBin® was used in a most strategic manner – three high with the walls of three KitBins connected by small yellow clasps and only one pallet as the base of all three. At the pharmaceutical

production line – the KitBin® was placed with one wall open. As the trays fill up this first KitBin®, the fourth wall is closed and another set of KitBin® walls is placed on top of that one, repeating the process to a height of three high. The walls are locked in place and a small manual forklift is used to convey the finished product into the cold storage area. No shelving is necessary and the three-high KitBin® are the proper height for a worker to be able to reach into the KitBin® whose front wall has been left open and remove as many trays as are needed for shipping. As employees who are filling orders empty the KitBin®, the walls can be taken off of each layer until the basic KitBin® with the pallet is left. If necessary, the KitBin® can be used as the shipping container and a lid and pallet can be easily added.

This easy, economical, and ergonomically correct solution for this pharmaceutical company's material handling logistics is another success story for DOLAV Plastic Products – producing unique, heavy-duty, light-weight, multi-purpose box pallets for almost thirty years.

