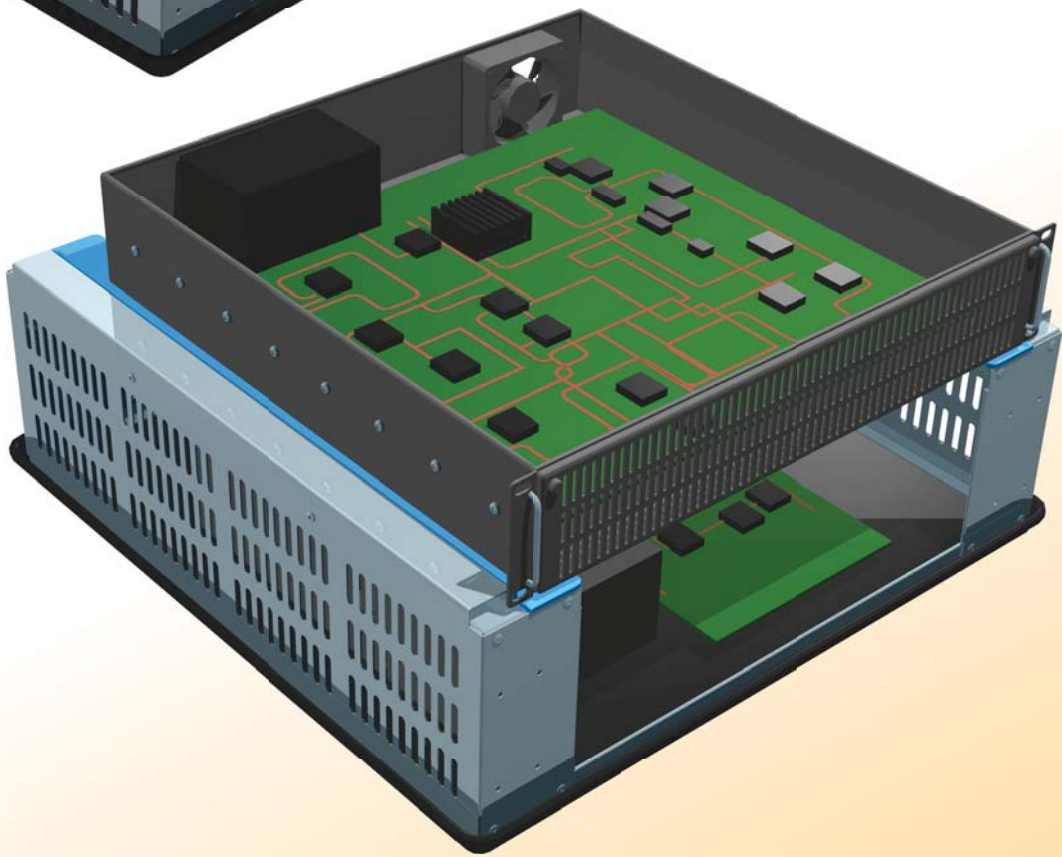
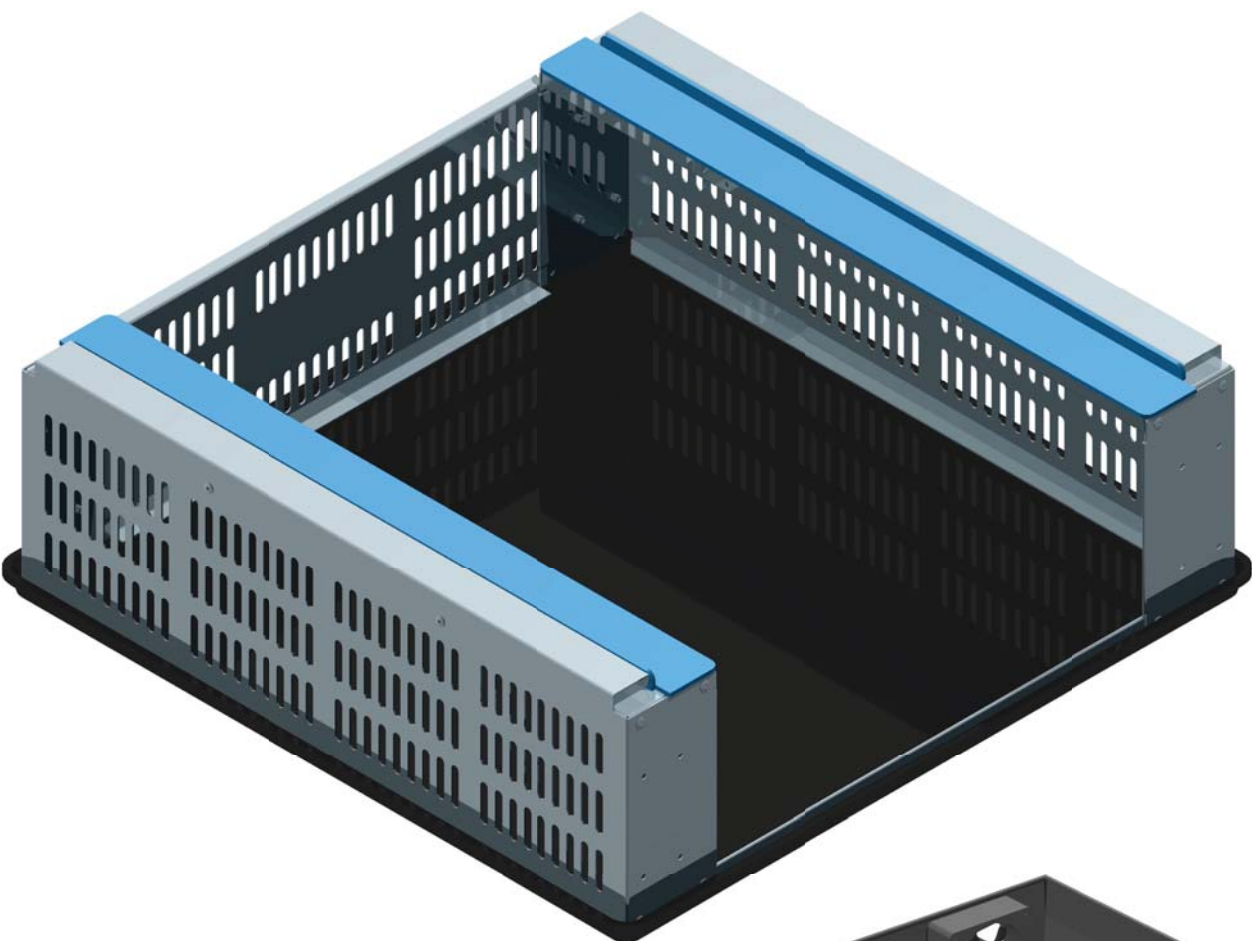


CHASSIS ASSEMBLY PALLET



CHASSIS ASSEMBLY PALLET

FEATURES

- A two level 19 inch rackmount assembly pallet that provides for kitting and storage during assembly, and a small footprint.
- An ESD safe handling method of 19 inch rackmount chassis assembly.
- Eliminates work in process at assembly stations.
- Eliminates kanban systems.
- Dramatically Improves assembly efficiency of 19 inch rackmount chassis.



The Bliss Chassis Assembly Pallet is a unique 2 level Patent Pending way to kit and simplify physical assembly of a 19 inch rackmount chassis. The standard Bliss Chassis Assembly Pallet supports only 19 inch rackmount chassis. Additionally, Bliss can custom build for almost any size sheetmetal chassis that requires assembly.

The standard base pallet is made of conductive ESD safe fiberglass composite and molded with a 1/2 inch side. The Chassis Assembly Pallet has a sheetmetal frame with an ESD safe padded ledge which creates an elevated surface to hold a 19 inch rackmount chassis above the pallet surface while protecting the chassis from scratches. This allows for pre kitting the entire assembly offline with the use of Bliss handling carts or racks. The sheetmetal frame is also removable.

Use

The kitting operator loads all the loose components onto the base pallet. Putting the components in the order that they will be assembled in with the last component towards the back and the first in the front, then the metal 19 inch chassis on the elevated surface. This entire 19 inch Chassis Assembly Pallet then is pushed down a standard conveyor line or a Bliss FLEXconveyor line from assembly station to assembly station where various assembly operations are completed one at a time. The components for each station's assembly are already on the pallet during the kitting operation which simplifies the entire assembly process.

Advantage

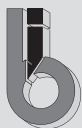
This method cuts down the floor space required for this operation typically by half and reduces the assembly process time of the 19 inch rackmount chassis by more than half.

Non Lean methods (Kanban)

Many plants currently use a Kanban system. This is typically a 2 bin system part storage system. One bin is being utilized and the second is utilized when the first is emptied so there is no stopping on the line, the first bin is then sent to the stockroom for replenishment. Our system eliminates this as the Chassis Assembly Pallet is kited in the stockroom area only. Only one location of inventory in the factory, this cuts inventory in half compared to Kanban. The kited pallet is immediately pushed down the assembly conveyor line for physical assembly then burn-in and or shipping.

A Step Towards Lean Manufacturing

Complete details and catalog online



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