

# TRAY FORMATION AND PALLETISATION SYSTEM

## 60ECA2000 + 60PFBB-1200

### DEFINITION

This **AND & OR** system carries out the palletisation of empty bottles, including the tray formation and supply to the palletising station.

This system is located at blow moulding machine output, usually after the leakage and weigh tester.

The system gives a complete formed pallet with bottles, the trays are usually disposed upside down.

The operator's intervention is only needed for pick up the complete pallet and supply a new empty pallet.

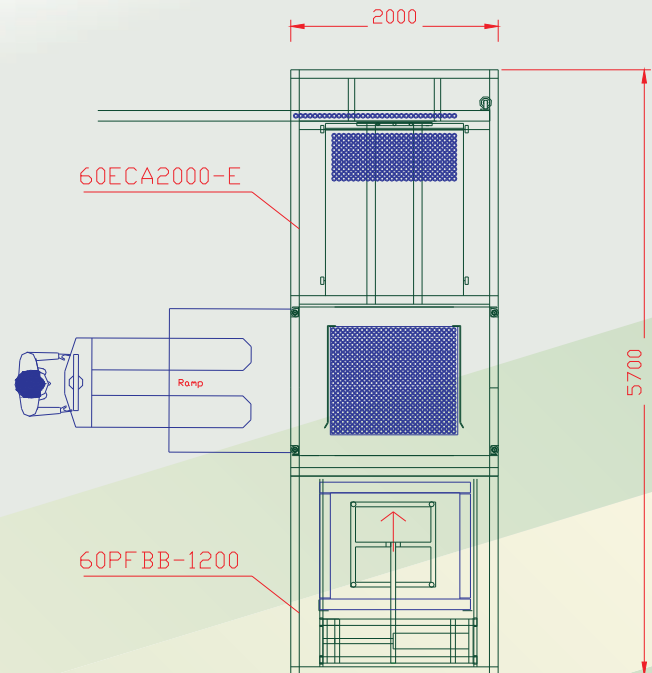


### CHARACTERISTICS

The system has these main characteristics:

- Inlet bottles conveyor.
- Arranging table and pallet elevator Mod. 60ECA2000-E composed by:
  - Painted metallic structure with cover, PET security gates.
  - Motorised inlet pusher for bottles with electronic speed variator.
  - Main motorised carriage with electronic speed variator for taking and supplying bottles to palletising area.
  - Palletising area pallet elevator platform.
- Tray formation system **60PFBB-1200**, with automatic supply of formed tray to pallet area:
  - Painted metallic structure with protections.
  - Main motorised carriage for vertical and horizontal displacements with tray (take out of pre folded tray and supply of formed tray to the palletising area).
  - Folding system for trays.
  - Hot melt system for tray formation

### LAY-OUT



### OTHER EQUIPMENTS

- Handle applicator systems for PET bottles
- Box weight testers.
- Bagging systems for empty plastic bottles.
- Quality control in empty plastic bottles (leak and weight testers).
- Special conveyors and distribution systems.

### SPECIFICATIONS

- **Electrical supply:** 220 Vac, 50/60 Hz.
- **Installed power:** 4 Kw.
- **Pneumatic supply:** 6-8 bar.
- **Standard system,** 1000x1200 ó Euro-tray 800x1200.
- **Dimensions:** (Lay-out)



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