

Component trays /Transit tray

Component trays and containers are integral components of handling systems, serving to enhance efficiency, minimize wastage, and optimize output in various industrial settings. These trays are particularly advantageous in robotically fed and fully automatic assembly lines, where precision and reliability are paramount.

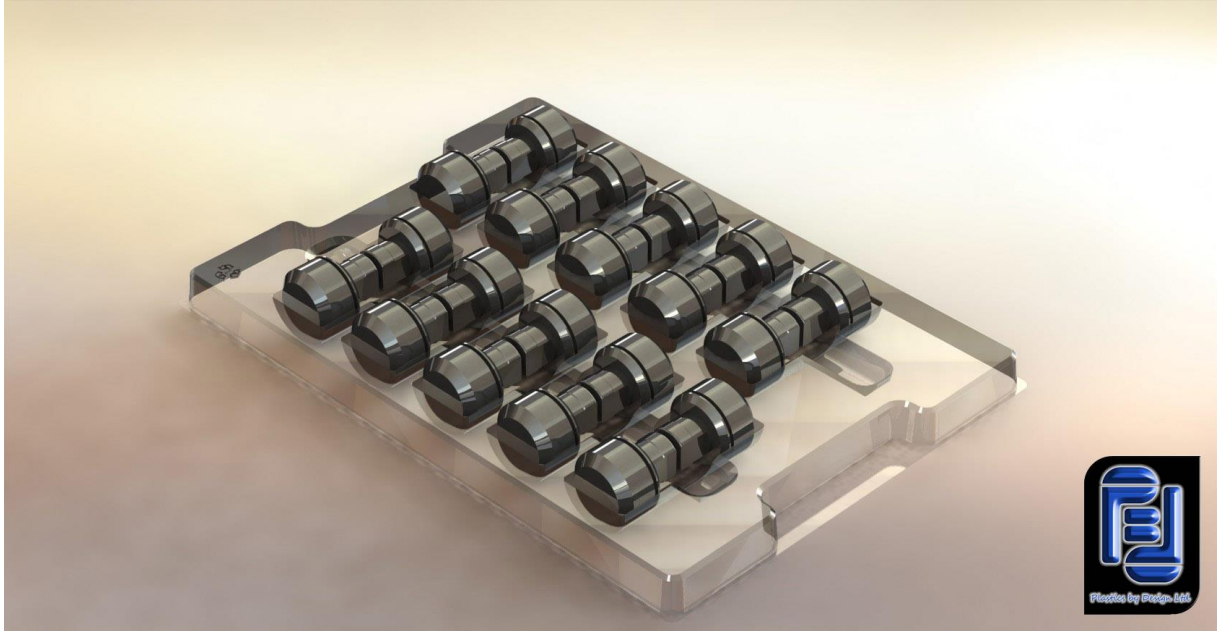
Plastics By Design offers a diverse range of trays, vacuum-formed containers, and plastic pallets tailored to accommodate a wide array of components and assembly line requirements. The company's capabilities include the production of component trays with thicknesses of up to 8mm, spanning an area of 2m x 1.5m, and depths of 700mm. Typically, component trays are formed from materials ranging from 250 microns to 1.5mm in thickness, with options such as Rpet, Hips, PP, ABS, PC, as well as electrically conductive and anti-static materials.



These trays can be customized with various features to safeguard and maintain the integrity of the products they contain. Moulded-in features may include mechanisms to secure the products in place and ensure they are presented in the correct orientation for assembly. Additionally, properties such as high strength, chemical resistance, electrical conductivity, or anti-static dissipative capabilities can be tailored to meet specific application requirements.

Furthermore, Plastics By Design offers customization options for clear identification, such as embossed sections featuring company logos, names, part numbers, or other relevant information. Additionally, trays or plastic pallet trays can be equipped with de-nesting and stacking features, facilitating space-saving storage of empty units and providing full protection for loaded trays. These features enable efficient

stacking and easy release when required, contributing to streamlined handling processes.



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