



## PALLETIZERS



**Robot used to palletize cartons**

In the modern manufacturing environment it is important to safely, quickly and efficiently place your products on a pallet for shipment. With high speeds and high volumes, a Creative Automation palletizer can help you meet this goal.

Palletizers are machines designed to automatically place parts or boxes coming off your production line onto a pallet or into dunnage, whichever the case may be. In addition to reducing labor cost, it can also be the answer to an ergonomically challenging task.

In addition to packing parts, palletizers can be used to insert slip-sheets or trays. Once a pallet is filled, it is automatically moved out of the cell where it can be stretch wrapped if necessary, and then picked up by a fork lift driver when time permits.

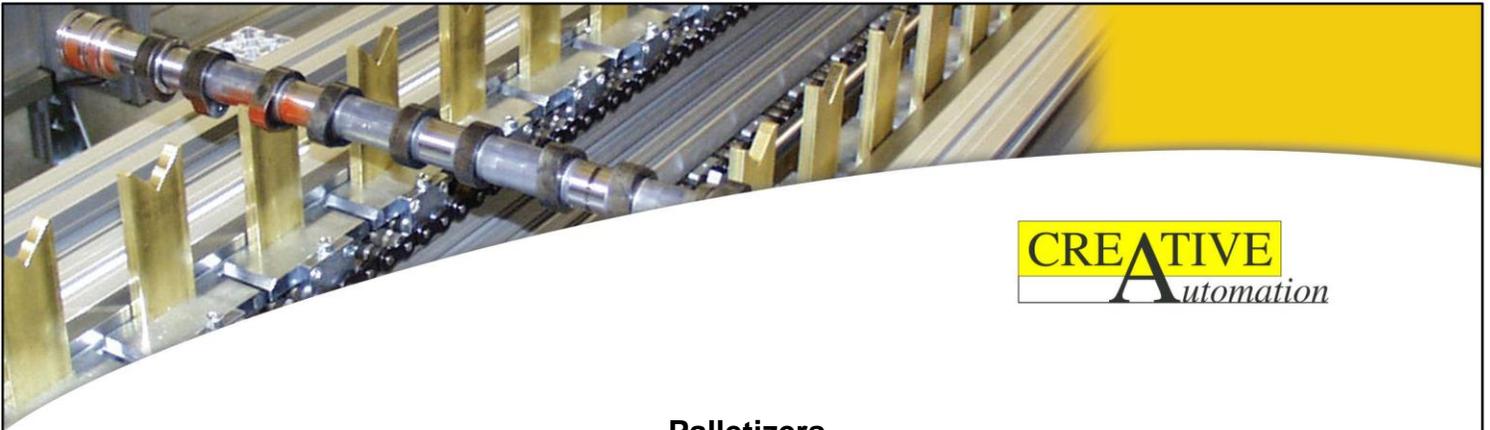


**Pick and place palletizer used to place small shafts into tote bins**



**Gantry palletizer for automotive camshaft blanks**

Palletizers can also be used in reverse as de-palletizers. Parts can be automatically removed from pallets, and loaded into your manufacturing line thus freeing up more labor, and boosting productivity.



## Palletizers



Creative Automation Inc. has experience in designing and building small pick and place systems for loading small parts into totes, to the large system shown on this page that loads and unloads Transmission Cases from pallets.

Vision systems can also be used to properly align the robot to the part before picking it up.

Whether it requires a small pick and place unit, robot, gantry, or overhead traveling robots, Creative Automation has the answer to improving your productivity.

**Multiple lane pallet load and unload cell for Transmission Cases**



**Front view of pallet load station**



**Side view of pallet load**