

## LOAD PALLETIZING DEVICE / FASTPAL

Systec's Load Palletizing Device (LPD) provides automatic centering and squaring of units for automatic placement on pallets. The device can automatically palletize up to 180 pallets per hour. This device works in conjunction with the FastPal robotic pallet transfer device. The FastPal robot provides automatic pallet selection and transfer to the load palletizing device. The system integrates with the Load Palletizing Device and can be configured from two, to up to ten different pallet locations.

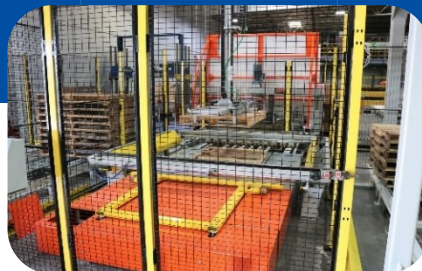
The FastPal Robot head has been upgraded to include advanced anti-collision technology. Features and Benefits of this upgrade include:

- Fewer cylinders to clamp for reliability, and the cylinders are mounted within the steel frame to better protect it in cases of crash.
- Spring-loaded clamps to avoid damage if the pallet alignment with the head is not correct.
- Tilt switches that detect and prevent the head from crashing into a pallet stack if mis-aligned.



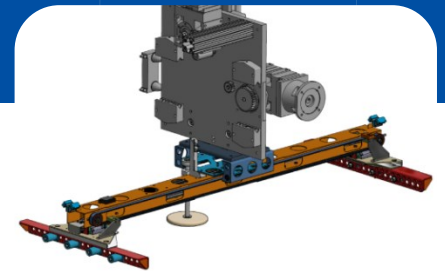
### OVERALL CONSTRUCTION

Systec's LPD features precision laser cut outer and inner slider bed frames and is built using on the best materials and components available.



### DESIGN FUNCTION

Systec's LPD and FastPal robot work together to quickly and effectively handle pallets for load-positioning within the machine cycle for the prior load palletizing process.



### FASTPAL ROBOT HEAD

The FastPal Robot head has been upgraded to include advanced anti-collision detection technology to minimize down-time events created by bad pallets or pallet stack positioning.

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## SPECIFICATIONS

|                   |  |
|-------------------|--|
| Roller Height     | 12" TOR  |
| Voltage           | 460V 60HZ 3PH  |
| Weight Capacity   | 2,500 LB   |
| Conveyor Speed    | 45 FPM   |
| System Capability | Up to 180 PPH depending on configuration   |
| Safety            | Integrated Safety Curtains<br>Moving Components all Guarded and in Safety Orange |

## CONSTRUCTION

|                         |   |
|-------------------------|---|
| Load Palletizing Device | Loads centering and lifting device<br>Includes internal conveyors<br>Complete guarding provided   |
| FastPal                 | Pallet Dispensing System<br>Overhead Gantry style pallet picker device<br>Pallet staging conveyors included<br>Complete guarding provided |

## CONTROL OPTIONS

|           |  |
|-----------|--|
| Automatic | Fully Automatic Operation <ul style="list-style-type: none"><li>- LPD: Loads to read bar code for pallet requirement</li><li>- LPD: Interface with existing control systems for infeed and discharge</li></ul> |
| Manual    | Manual Pushbutton Controls   |

