

**Pallet Transfer
System**



LANCO
INTEGRATED

EMPOWERING GLOBAL ASSEMBLY





Our Products

Lanco Integrated designs and manufactures the MPS 120 and the HFL 2002- pallet transfer system. We offer an assortment of standard track and pallet sizes to meet your product specifications. Is your project non-standard? Not a problem, we can custom configure to meet your footprint requirements.

The versatility of the Lanco's Transfer systems make it easy to adapt as production demands change and grow. Initially, create a semi-automatic system for small runs or low speeds, and later add more automation as production requirements increase.

We believe in the Total-Service-Solution. Lanco's pallet transfer system will be fully assembled and tested prior to delivery. From design and manufacturing to on-site installation and service, we are here for you.

MPS 120



Mini Pallet Transfer System

HFL 2002-S



Pallet Transfer System

"Through collaboration and teamwork we succeed together; developing systems that enable your success."

MPS 120

Mini Pallet Transfer System

Modular & Flexible

- Modular conveyor elements are available from 500mm to 3000mm
- Ability to start as an operator load station and can easily convert in the future
- Transfer System can be easily reconfigured for new layouts and products
- Continuous operation in a single direction, with ability to add VFDs and/or reversibility
- Multivariant capability on one line
- Ease of maintenance
- Arrives Fully assembled
- Standard Speed: 251 mm/sec.
- Options: 208V 60Hz + 400V 50Hz

Layout Options

- Infinitely Customizable
- Traditional "racetrack" layout
- Over and under layout with pallet elevators
- Parallel operations
- Parallel track configurations
- Ergonomic manual workstations

Pallet

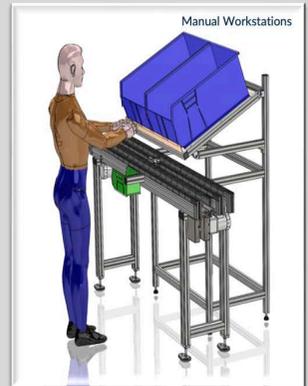
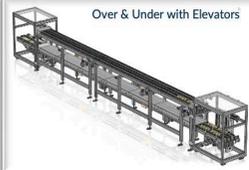
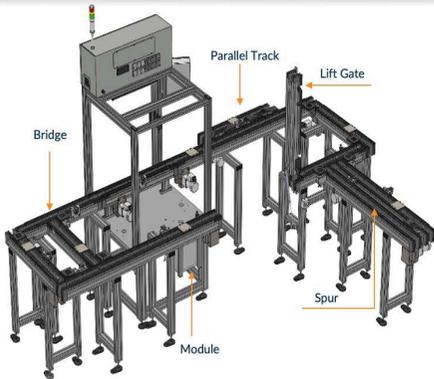
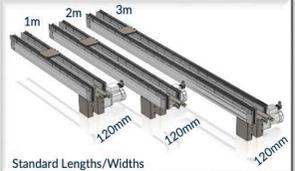
- Size 120mm x 120mm
- RFID tracking located in the pallets
- 3kg load capacity per pallet
- Pallet lifts available for high vertical load.
- Spring loaded rollers to static anvil
- 40mm indexing option

Layout Examples

MPS 120

Track Width
• 120mm

Track Length
• Ranges from .5m - 3m



HFL 2002-S

Pallet Transfer System

Modular & Flexible

- Modular conveyor elements are available from 500mm to 3000mm
- Ability to start as an operator load station and can easily convert in the future
- Transfer System can be easily reconfigured for new layouts and products
- Continuous operation in a single direction, with ability to add VFDs and/or reversibility
- Multivariant capability on one line.
- Ease of maintenance
- Arrives Fully assembled.
- Standard speed: 251 mm/sec.
- Options: 208V 60Hz + 400V 50Hz

Layout Options

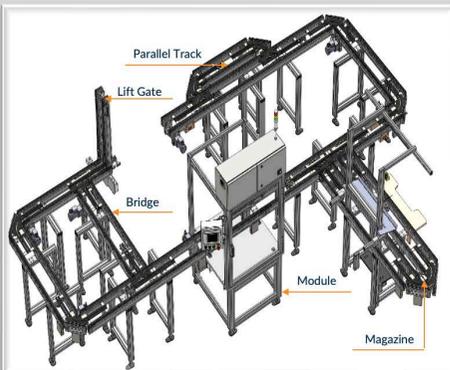
- Infinitely Customizable
- Traditional racetrack layout
- Over and under layout with pallet elevators
- Parallel operations
- Parallel track configurations
- Ergonomic manual workstations

Pallet

- Width: 200mm – 300mm
- Length: 250mm – 500mm
- RFID tracking located in the pallets
- 12kg Standard load capacity per pallet. Higher load capacity available upon request.
- Pallet lifts available for high vertical load
- Spring loaded rollers to static anvil
- Several indexing options

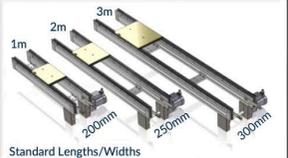
Layout Examples

HFL 2002 - S



Track Width
• Standard 200mm – 300mm
• Customization available

Track Length
• Ranges from .5m – 3m



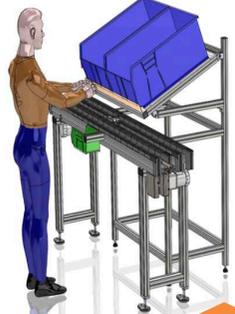
Over & Under with Elevators



Dual Lane with 180° corners

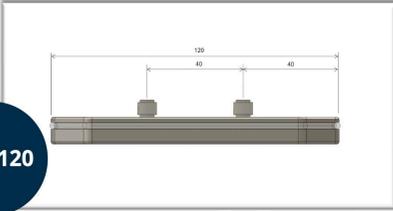


Manual Workstations



Pallet Indexing

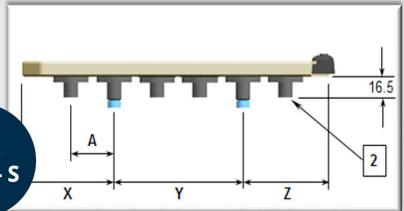
MPS 120



- 40mm Cam follower spacing, allowing 40mm indexing option
- *Pallet Stop repeatability = .05mm, in the direction of pallet travel
- Fully customizable nesting/RFID
- If tighter tolerance is required Lanco can implement custom solutions including part/pallet, registration, vision, etc.

*Listed repeatability does not reflect nest positioning repeatability and can differ depending on the application.

HFL 2002 - S



- Min post/indexing = 20mm
- *Pallet Stop repeatability = .05mm, in the direction of pallet travel
- Fully customizable nesting/RFID, pallet sizes, and post locations
- If tighter tolerance is required Lanco can implement custom solutions including part/pallet, registration, vision, etc.

*Listed repeatability does not reflect nest positioning repeatability and can differ depending on the application.

Controls Technology

- Remote dashboard
- Realtime queue
- RFID process control
- Customizable pallet indexing





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