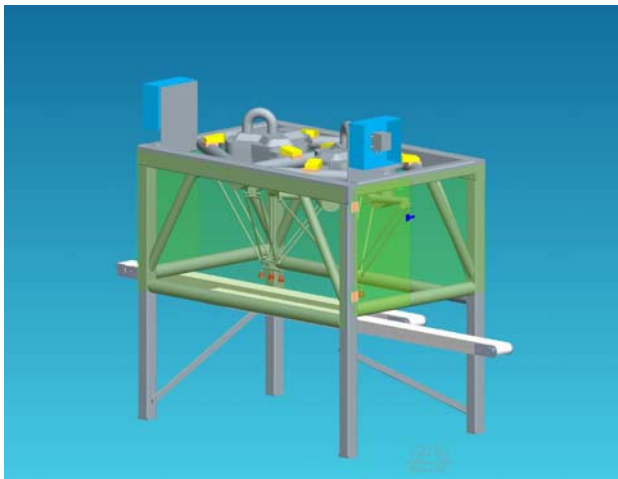
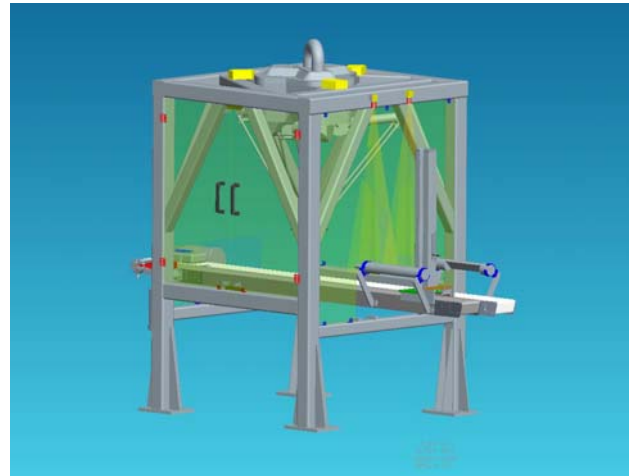


JLS Automation is proud to present the **Talon** Series of robotic packaging machines

The Talon Series of robotic packaging machines is designed to automate many of the most labor intensive tasks for a wide range of applications. Whether your application involves case packing, blister and tray loading, product orientation and alignment, or product inspection, the JLS Talon Series offers a compact solution that is flexible, efficient and will provide a high level of productivity for many years.

## Talon SHPS

- Single Robot Cell
  - Single incoming product lane
  - Tray and Blister Pack Loading
  - Collating/Singulating
  - Product Orientation and Alignment
  - Product Inspection

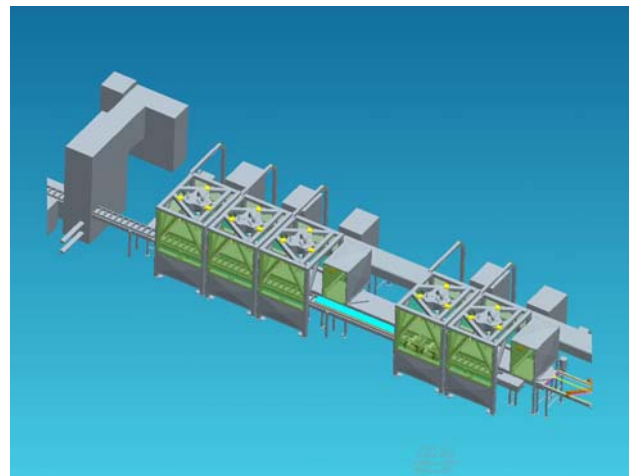


## Talon DHPS

- Dual Robot Cells
  - Inline for single incoming product lane
  - Offset for dual or wide incoming product lanes
  - Tray and Blister Pack Loading
  - Collating/Singulating
  - Product Orientation and Alignment
  - Product Inspection

## Talon MHPS

- Multiple Robot Cells
  - Multiple machine modules with single or dual robot cells for custom applications
  - A Complete Packaging Solution



## Advanced Functionality

- Advanced tracking for continuous product flow. There is no need to interrupt product flow by stopping and starting the conveyor
- Advanced Vision capabilities for random orientation of incoming product
- A 4<sup>th</sup> Axis for end effector rotation allows for maximum flexibility
- Vacuum and mechanical end effector tooling for any application

## Fast and Flexible

At the heart of the Talon Series of robotic packaging machines is the ABB IRB 340 FlexPicker. The FlexPicker is the ideal solution in applications where objects need to be moved quickly and precisely from one location to another. The system is intelligent in that when the advanced vision capabilities are utilized, only acceptable product will be picked. Unacceptable product will be ignored.



- **Reliable – High production up time**  
The IRB 340 is built using just a few parts, which is why up time is higher compared to hard automation solutions.
- **Fast – Short cycle times**  
The IRB 340 is developed for optimized short pick & place cycles. It readily handles 150 picks per minute. With tooling to handle several pieces in a single pick, the IRB 340 can handle in excess of 400 pieces per minute, depending on payload.
- **Strong – Maximized utilization**  
The IRB 340 can handle payloads up to 2kg
- **Robust – Harsh production environment**  
The IRB 340 is available in a stainless steel version, making it ideal for clean-room operations between class 2 and 3.
- **Versatile – Flexible integration and production**  
As the robot is top mounted, it does not consume any additional floor space and is easily integrated.

## Contact Information

For more information on the Talon Series of robotic packaging machines, please contact:



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