**MOTOPICK**

- User-friendly, highly advanced software solution allows for the development of machine vision-based, high-speed picking solutions.
- Provides building blocks to create optimal picking solutions for up to 10 robots and 11 conveyors.
- Provides pattern-based distribution of product and dynamic load balancing among multiple robots.
- Precise control and coordination of infeed and outfeed conveyors.
- Software-based solution and modular hardware greatly reduce the integration wiring and panel space required for a multiple robot cell.

- Multiple cameras are available based on conveyor width, workpiece size, target accuracy, production volume and conveyor speed.
- Components included:
  - MotoPick™ software
  - Interface terminal strip with 24V, 2.5A power supply and 8-port Ethernet switch
  - Robot interface board with four 5-M cables per robot
  - Conveyor tracking interfaces
  - Encoder splitter board for each shared conveyor
  - Infeed camera and interface (lens and lighting not included)

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**KEY BENEFITS**

- Conveyor tracking speed up to 1-M/sec.
- Multi-picking of up to four parts with multiple placements per cycle
- Different part types can be picked and sorted
- Wizard provided to step through set-up process

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**CONVEYOR WIDTH** | **CAMERA OPTION * | **CAMERA RESOLUTION ** | **CAMERA SPEED**
---|---|---|---
< 500 mm | MS200, equivalent to In-Sight 7200-11 | 800 x 600 | 102 frames / sec
500 mm - 800 mm | MS300, equivalent to In-Sight 7402-11 | 1280 x 1024 | 60 frames / sec
> 800 mm | Investigate other Cognex options

* Camera options shown in the table are for reference; the final camera selection is based on each specific application.*