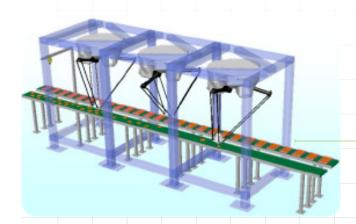


#### HIGH-SPEED PICKING MADE EASY



# MOTOPICK

### EASILY ADDS VISION-BASED PICKING AND LOAD BALANCING TO YOUR APPLICATION





NO PC REQUIRED



SCREEN ON PENDANT

STATIONARY MOUNTED CAMERA

#### **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

#### **CONTROLLERS**





DX200 DX100

FS100

- 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<sup>™</sup> 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)

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		

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

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