



AF-DLT Delta 3 High Speed Pick and Place Robot

A product of AFA's research and development, the AF-DLT is a flexible solution for your packaging needs. Integrated with AFA's proven packaging technology, the AF-DLT can easily mount on existing systems or new systems. Also, with AFA's integrated vision system there is no need for the product to be conveyed uniformly. Allen Bradley controls and servos are standard on this system for accurate pick and placements as well as high speeds. High flexibility allows you to handle a wide range of products including stick packs, flowwrap product, cartons, sachets, and many others. Designed and Manufactured at AFA Systems, this ensures that the system will be designed to seamlessly integrate into existing packaging lines or an AFA built machine.

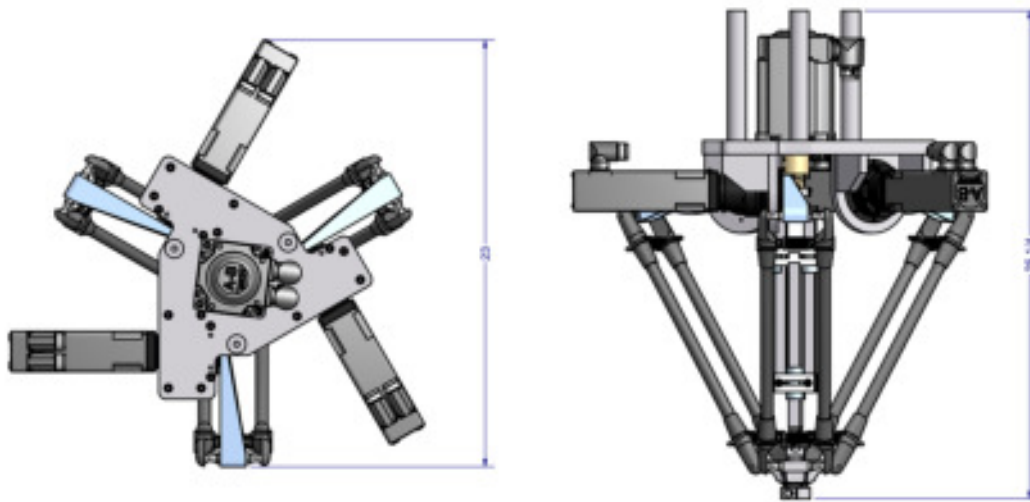
Features

- » Available for clean room applications in the pharmaceutical industry
- » Stainless option available for food related applications
- » Integrated vision system optional
- » Capacity up to 3kg payload
- » Up to 300 pick and places per minute depending on the product application
- » Single controller for robot, vision and machine control
- » Allen Bradley controls and servos are standard on the AF-DLT

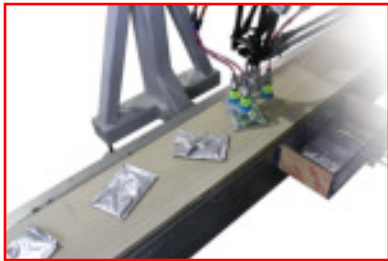


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Typical Floor Plan



Key Components



Fast and accurate pick and places are realized with the AF-DLT pick and place system. 300 pick and places per minute are achievable.



Vision System is standard on the AF-DLT pick and place system. This ensures that products do not need to come uniformly to the Delta 3 robot.



All Allen Bradley servo motors motors to ensure smooth and quiet operation. Also, accurate feedback diagnostics are available with this feature.

Specifications

<i>Kinematic Structure:</i>	Delta Type
<i>Degrees of Freedom:</i>	3+1*
<i>Protection:</i>	IP 65
<i>Noise Level:</i>	<68 dB (A)
<i>Weight:</i>	65 kg

*With optional rotation axis

Process

