

Forge Lab: AI Vision Training + Simulation

What used to take weeks now takes hours

Forge Lab is an AI-powered robotic vision training portal and simulation environment. You can complete a simulation of a vision-guided cell within hours, and then have vision programming completed for you within 24 hours.

Before Forge Lab, integrating vision with robot programming was a complex gamble, costing money and time. Simulation software could help you see the robot move, but combining vision with the robot had to wait until the cell was built.



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Get Rolling with 80/20's Gravity Rollers

Simple and inexpensive product transport

Gravity roller tracks are some of the most commonly used types of conveyors in factories and other industrial settings. They offer a simple, reliable, and inexpensive solution to transporting parts, products, and packages.

With a lower amount of friction than belted conveyors, 80/20's gravity rollers are suitable for processes that require operators to shift, rotate, and position product while in motion. Utilizing gravity roller conveyors in certain applications can reduce costs and maintain high levels of efficiency and productivity.

80/20® Inc.



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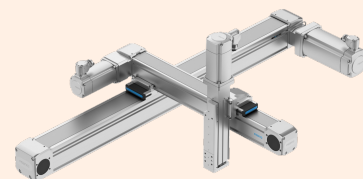
New ELGD Mechanical Axis Series

Exceptional load bearing capacity

Specifically designed for tooth belt and ball screw mechanical axes in cartesian handling systems, the ELGD series features a simplified design that delivers exceptional load bearing capacity, a longer service life and increased reliability in multiple industrial handling situations, from harsh to hygienic environments.

The ELGD-BS spindle drive offers a configurable stroke range of up to 2.5m and the ELGD-TB toothed belt drive has a stroke length of up to 8.5m. Both are available in a range of different sizes in either standard square profile or a wide profile that offers a height saving of 30 percent. All variants provide excellent rigidity, large feed forces and high precision.

FESTO



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Introducing New Features to FlexMove Conveyors

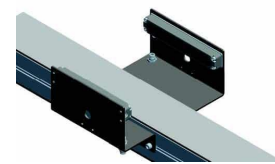
Ideal for CNC machine tending and material handling

As part of Dorner's constant innovation and improvements to meet customer's evolving needs, here are the latest updates to the FlexMove line of conveyors.

Clamping Module



The Clamping Module introduces a pneumatic clamping actuator mounted on both sides of the conveyor, providing precise control to hold back and pace products as needed.



Puck Divert Module

The Puck Divert Module features a pneumatic one-to-two lane diverter, compatible with round or rectangular packages or pucks, enabling efficient sorting and routing of products.



Side Action Merge Module

Side Action Merge Module, facilitating two-to-one lane merging without the need for additional components. Plus, it operates on a completely mechanical design, eliminating the need for electrical components, programming, or air.



[SEE MORE OPTIONS](#)

Bertelkamp Automation | 800-251-9134 | info@bertelkamp.com | bertelkamp.com

Bertelkamp Automation, Inc | 4716 Middle Creek Lane | Knoxville, TN 37921 US

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