



Linear Drive Train Selection Made Easy

Videos and whitepaper take the guesswork out of choosing the right linear drive train for your application.



Wouldn't you like to take the guesswork out of selecting the right linear drive train for your positioning application? If you're like most design engineers, chances are you're managing several projects at the same time. Likewise, most companies in today's world that use motion control want to bring their idea to reality as soon as possible. Bringing these two realities together leads engineers to making design-related decisions faster than ever before. Any design engineer who's

had exposure to the world of motion control knows that properly selecting a linear drive train can be difficult, and is of utmost importance to application performance!

Design considerations

Parker's Jim Monnich, Engineering Manager, has more than 30 years of experience in linear motion design and control and has condensed the typical design considerations into four easy-to-understand categories. By closely evaluating each of these topics, design engineers will be armed with the right questions to ask, to arrive at the right technology for the application, every time and faster.

These same considerations can be applied to applications from the lab environment positioning cells on a slide to industrial applications using electromechanical technology to press bearings at 10,000 pounds! At Parker, we've made a name for ourselves by offering our customers the broadest scale of linear positioning technology, from stages that literally fit in your pocket to actuators that can lift a pickup truck.

How to select the proper linear actuator

We've created several [videos](#) covering seven topics on selecting the proper linear actuator and outlining Jim's methodology when approaching positioning applications for drive trains:



1. Introduction to selecting of the proper linear drive train
2. Precision considerations
3. Understand the four factors in expected life
4. Four factors effecting the throughput

5. Special considerations
6. Compare and contrast the various technologies
7. Custom engineered solutions for linear drive trains

Click [here](#) to view all the videos.

AND: Sign up [here](#) to receive a copy of Jim's whitepaper on simplifying the linear drive train selection process!

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