

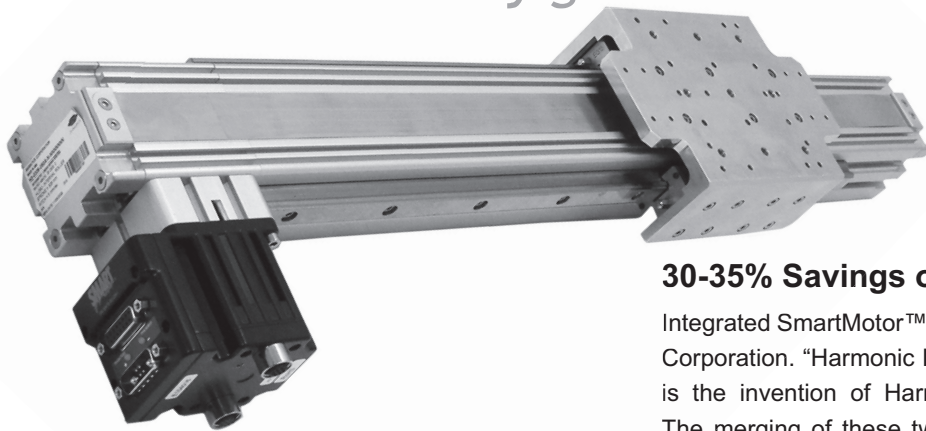
OEM Dynamics is the Systems Integration division of Animatics Corporation. Its purpose is to couple proven Integrated Servo Controls with innovative designs in Linear Actuators to provide System Components and sub-assemblies for high-end automation. With over 20 years of application designs operating on production floors internationally, we offer high performance, low cost, reliable components and sub systems for industries including but not limited to:

- Consumable Product Packaging Machines
- Semiconductor Wafer and Chip Processing
- Biomedical Process and Control equipment
- Automotive Component Assembly and Testing
- CNC Wood and Metal Cutting Systems
- Aviation Testing and Control
- Nuclear Fuel Rod Handling Systems

OEM Dynamics is dedicated to deliver Component Level Products and Sub-System Assemblies with high performance and reliability at the lowest possible prices. Our coupled sub-systems allow you to just drop us in and go!

All OEM Dynamics™ Linear Integrated Systems are covered by Animatics patent #5,912,541 and other patents are in progress worldwide

“Harmonic Linear Belt Drive Systems eliminate costly gear heads and brakes”



30-35% Savings on System Costs

Integrated SmartMotor™ technology is the invention of Animatics Corporation. “Harmonic Linear Drive™” belt actuator technology is the invention of Harmonic Linear Drives, Ltd. in England. The merging of these two technologies has shown to save as much as 35% when compared to the equivalent, conventional components. For any given axis of motion, this system design approach provides linear bearing load support, harmonic zero-backlash gear reduction, a true closed-loop brushless motor and digital drive, and a 32-bit programmable controller. The Intrinsic reduction provides a high resistance to back-driving, a benefit usually purchased in the form of a brake.

The SmartMotor eliminates a cabinet full of controls by building everything into the motor. The Harmonic Linear Drive™ eliminates a gear-head and brake by wrapping the belt around subtly different diameter pulleys in a way that produces inherent gear reduction using the Harmonic Principle. All told – this clever, compact combination uses fewer parts, increases reliability and markedly lowers the cost of your machine.

Low Cost Breakthrough!

Lowering cost without sacrificing quality, accuracy or system integrity is the number one topic and goal on the minds of the board of directors and management of every major company in the world. Today, the goal is achievable without resorting solely on the old fashioned cost cutting methods of reducing US and European employees in favor of offshore suppliers. OEM Dynamics now has a fully integrated linear motion system that reduces costs by reducing system parts and components as well as engineering and assembly time - through innovation.