

Welcome to Tolomatic

Product & Capability Overview



Vision & Mission

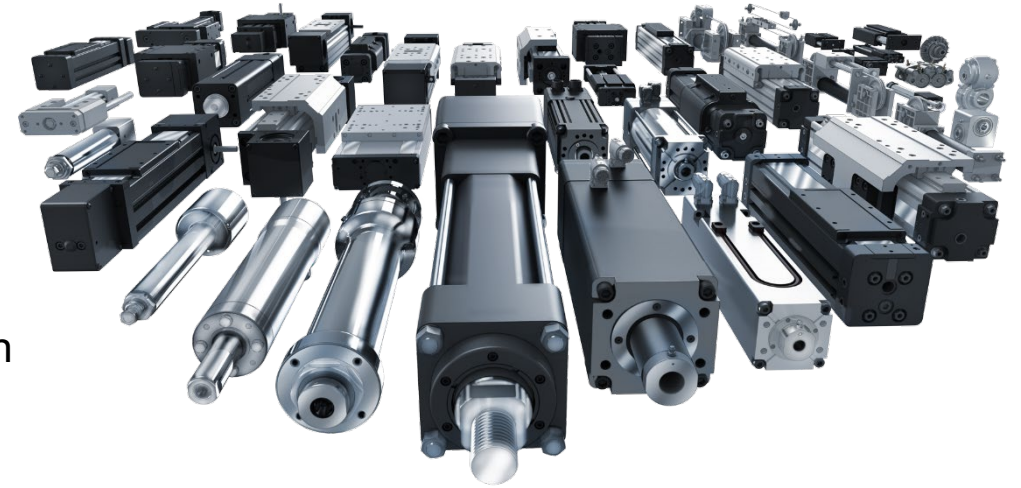
Our Vision

To be the Trusted Partner When Motion Matters

Our Mission

To Deliver Motion Solutions with Precision, Performance, and Reliability, Driven by a Deep Understanding of our Customers' Needs

What to know



- **Quality & Efficiency:** Quality begins with our very first interaction
- **Design Tools:** Enabling machine design with productivity tools
- **Broad Offering:** Electric and pneumatic linear motion and power transmission products
- **Industries & Applications:** Serving a wide range of industries
- **Endurance Technology:** Designing for long life in the most demanding applications
- **Custom Solutions:** Proven process for developing tailored designs for customers
- **Innovation:** 70 years of development and exceeding customer expectations



Our Commitment to Quality

We believe building a deep understanding of our customer's needs is the foundation of quality. Therefore, our commitment to quality begins with our very first interaction and continues through every phase of the design and implementation process.

The Right Product – Expert guidance to match the exact application needs

The Right Time – Reliable lead times and on-schedule shipments

The Right Fit – Actuators designed to fit and function flawlessly

The Best Performance – Precision-engineered solutions built for durability and reliability

Our goal is to ensure that every interaction, every product, and every outcome leaves our customers **completely satisfied and confident** in their choice of Tolomatic.



ISO 9001 Certified
Hamel, MN USA Facility



ISO 14001 Certified
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Support and Service



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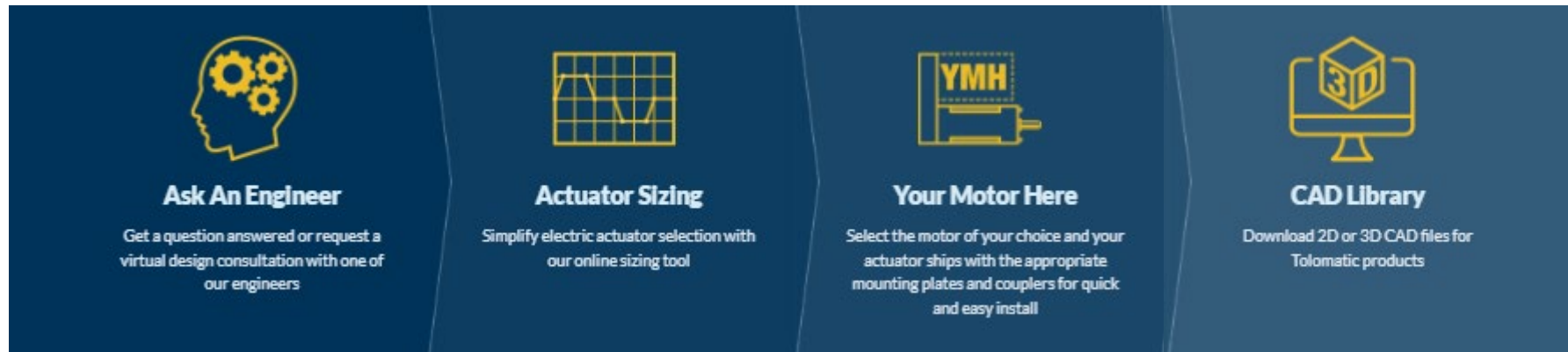
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ISO 9001
Certified Facility



Enabling Designers with Productivity Tools

- Enabling machine design to be more efficient, productive, reliable, and safe



Broad Range of Products

Electric Linear Actuators

Solutions made easy and affordable

- Rodless Electro-Mechanical Actuators
- Electric Rod Actuators
- ServoWeld® Resistance Spot Welding Actuators
- Motors & Drives
- Roller Screws
- Gantry & Multi-Axis Solutions



Pneumatic Linear Actuators

Broadest line built with maximum durability

- Rodless Pneumatic Actuators
- Band-type Rodless Pneumatic Actuators
- Magnetic Linear Actuators
- Cable Cylinders
- Rod-style Pneumatic Linear Thrusters



Power Transmission

Products with over 65 years of proven performance

- Roller Screws
- Industrial Caliper Brakes
- Pneumatic
- Hydraulic
- Mechanical
- Industrial Gearboxes
- Industrial Cone Clutches



Electric Rod Linear Actuators

RSX

- Extreme force capability and improved precision for hydraulic replacement
- Field replaceable seal cartridge
- Lube access port
- IP65 standard, IP67 option available
- 30 Ton & 50 Ton variants in Development



RSA

- High performance, high force dependability and mounting flexibility
- Standard and High Torque versions available
- Up to 13,000 lbf



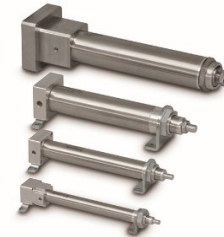
GSA

- Combine an electric rod actuator with guide rods, mounting blocks and bearings
- For Unguided loads
- ideal for medium- to high-thrust applications.
- High rigidity
- Mount using guide body



ERD

- Low-cost electric cylinders for pneumatic cylinder replacement
- Stainless steel optional
- IP67, IP69K optional



RSH

- Hygienic electric actuators
- 316 stainless steel construction
- IP69K



Servo Electric Linear Rod Actuators

Simple. Compact. Powerful.

IMA Linear Industrial

Electric rod actuator integrated with a servo motor

Forces up to 6,900 lbf (30.6 kN)



IMA-S Hygienic Integrated Stainless Steel

Hygienic rod actuator integrated with motor

316 SST construction with IP69K

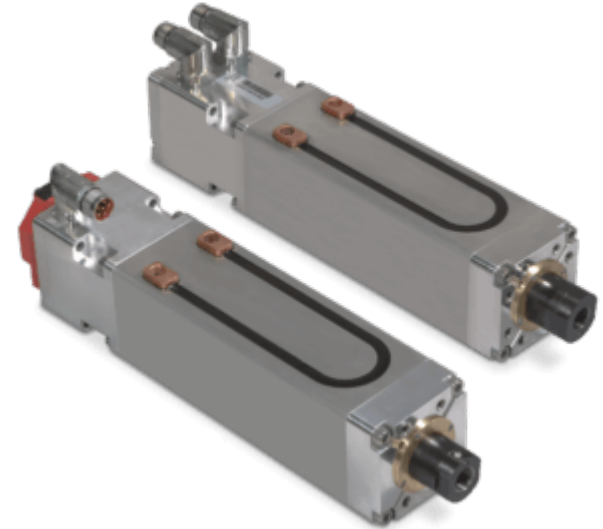
Forces up to 2,500 lbf (11.1 kN).



ServoWeld® Actuators

Electric rod actuator integrated with a servo motor for Automotive Spot Welding

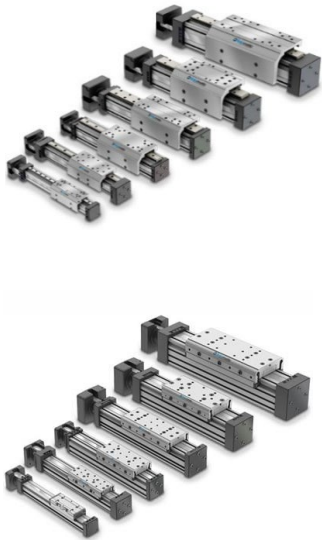
Forces up to 4,050 lbf (18kN).



Electric Rodless Linear Actuators

MXE

Screw driven actuators with a variety of carrier designs and load requirements



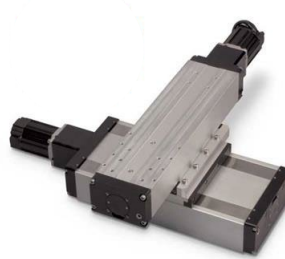
B3S

High performance, high force dependability and mounting flexibility



TRS

Extreme force capability and improved precision for hydraulic replacement



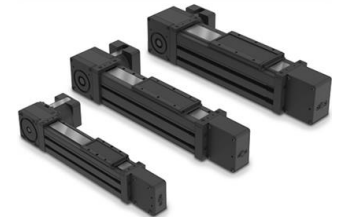
MXB

Low-cost electric cylinders for pneumatic cylinder replacement



B3W

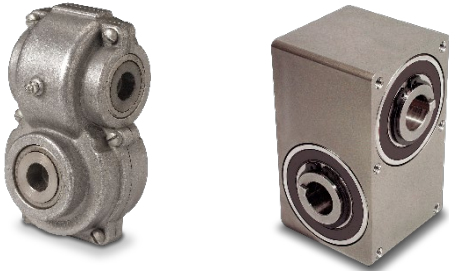
Hbelt driven actuators with enclosed ball bearing design for heavy loads, high bending moment and long life



Power Transmission and Roller Screws

Right Angle Gearbox

Tolomatic's original product, still an industry leader



Caliper Disc Brakes

Pneumatic
Mechanical
Spring Applied
Hydraulic

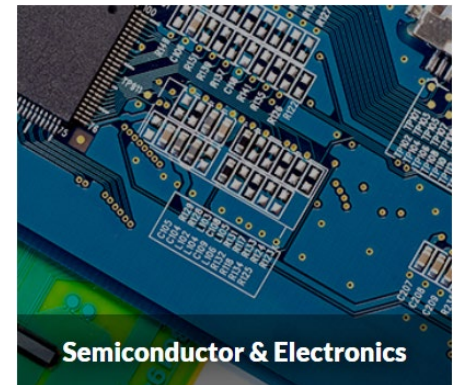
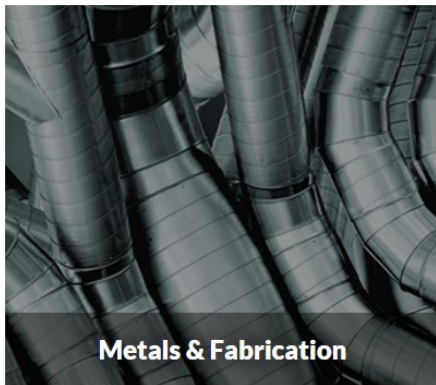
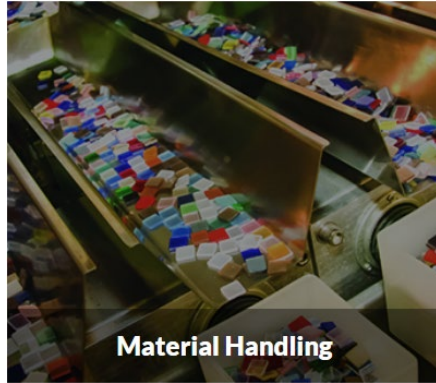


Roller Screws

Precision manufactured by Tolomatic

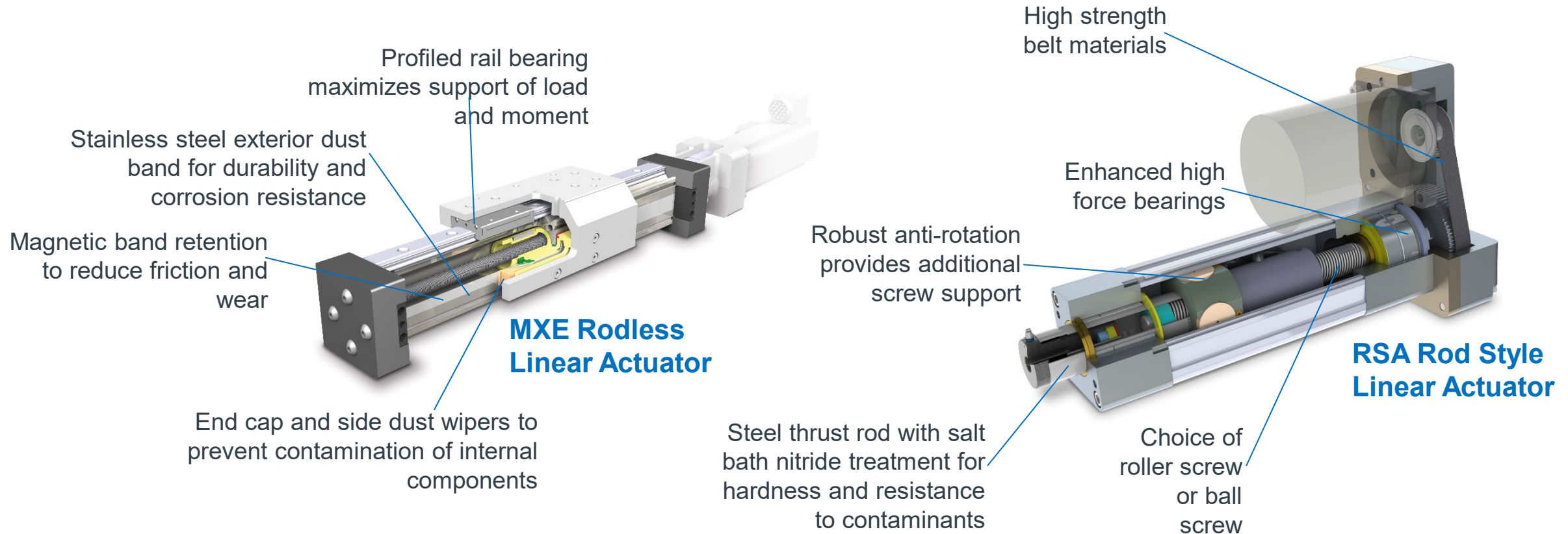


Diverse Industries



Endurance Technology™

Designed and manufactured for maximum endurance



Endurance Technology™

Planetary Roller Screws

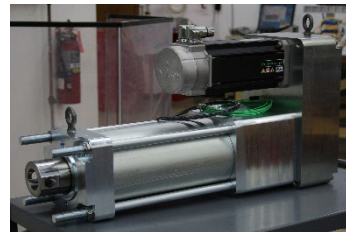
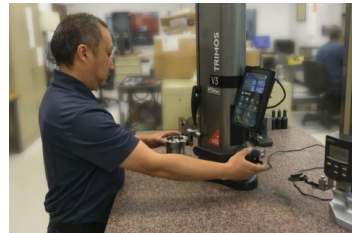
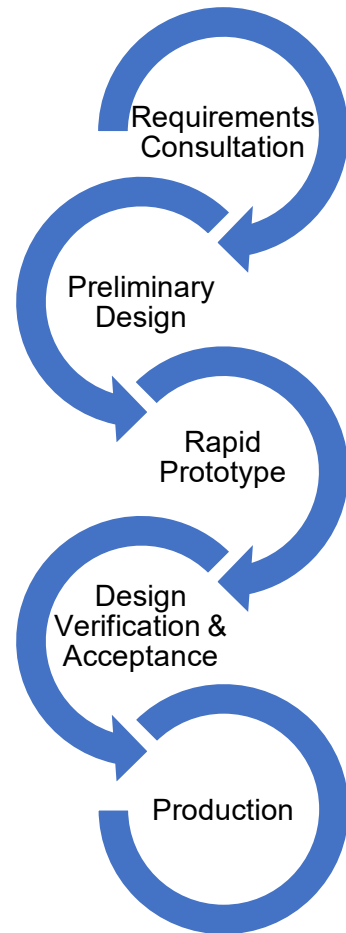
A core component of our linear actuator technology. Manufactured and machined with precision to maximize contact area and minimize stress points. Delivering the highest performance in:

- Force capability
- Accuracy and repeatability
- Dynamic load rating and product life
- Shock loading
- Noise reduction



Customized Products and Solutions

Proven Development Process Ensures Success



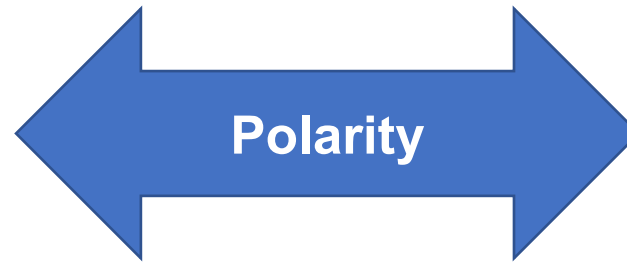
Capabilities:

- Construction with specialized materials
- Coatings and exterior treatment capability
- Customized motor mounting
- Special motor couplings
- Actuator mounting options



The Design Challenge

**Making your design fit
an actuator**



**Finding an actuator that
fits your design**

Lower Actuator Cost

Quicker to Market

**Compromised Machine
Performance**

High Actuator Cost

Late to Market

**Optimized Machine
Performance**

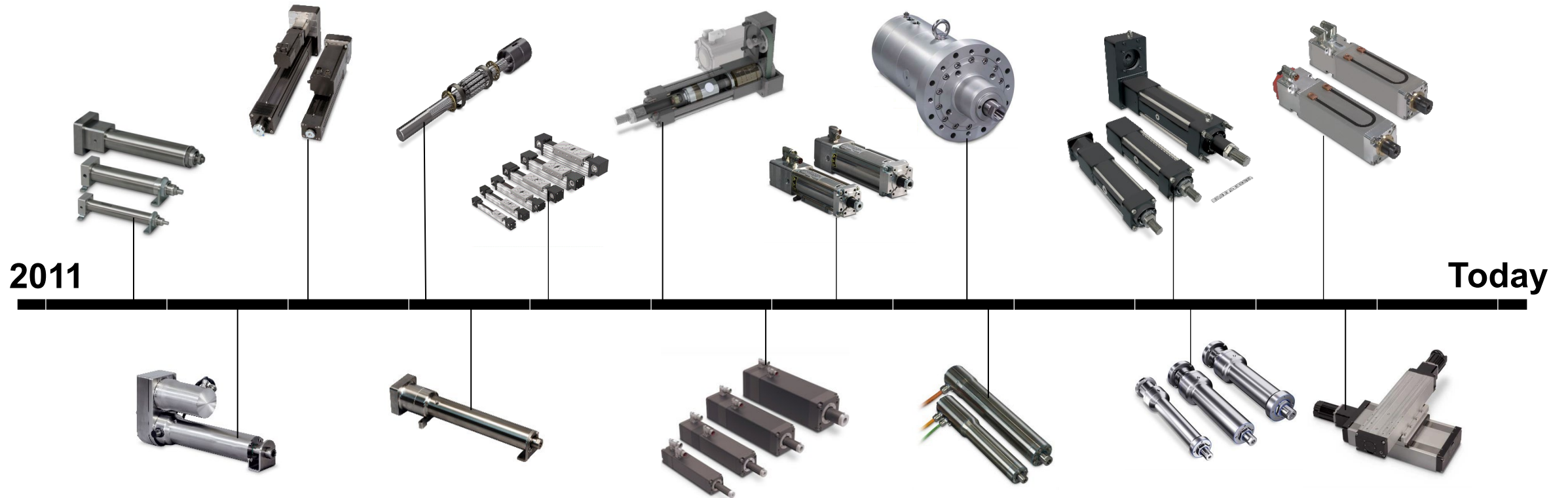
Customized Products and Solutions

- Designs that fit
- Rapid prototyping
- Responsive supply chain

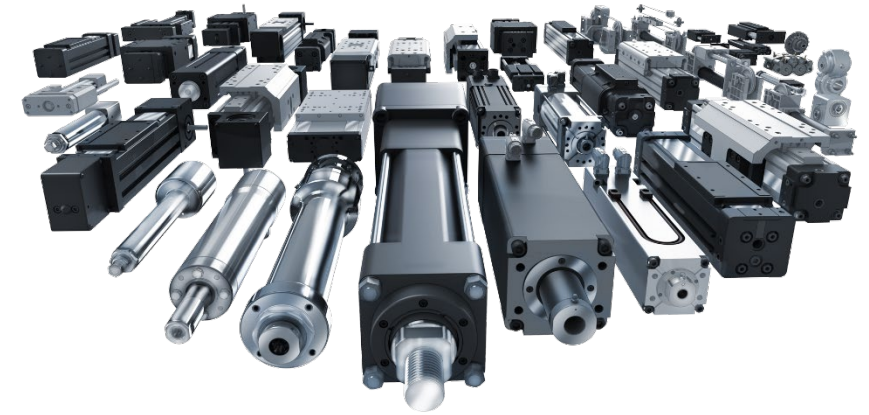


History of Innovation

The last decade of new product introductions:



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