Rotomation lets you configure your actuator exactly to your needs. We have billions of standard configurations in our catalog that we can assemble and ship within days, regardless of the configuration you choose. Why settle for one-size-fits-all when you can have it your way? The image shown above is used to generate a comprehensive model number that depicts each aspect of the actuator you’ve chosen. For example, model number 42-ST-TC-3SXX-37C-4J-1/8-2-J.

PRODUCTS

- Fluid Power for Automation
- QUALITY PRODUCTS SINCE 1976

Excellence Service
Call Rotomation and you will talk directly with the people involved in designing, manufacturing, and shipping our products, not with an automated switchboard. Our team is committed to taking care of your order, backed with an average of over 15 years of experience with our company. All our parts are made in our own state-of-the-art CNC machine shop and stocked in our inventory. We assemble and test our actuators to order. This is a place where craftsmanship and attention to detail still counts. Try us.

CUSTOMER-FOCUSED WEBSITE
Our website is designed around your needs. You can find exactly what you need with just a few clicks or navigate our intuitive product selection menu and easily access product technical information, CAD files, illustrations, instructions, and application examples that will help you successfully install and operate our products.

RUGGED
When a cheap actuator breaks, it has an impact on production, becoming very expensive. Our actuators have been continuously improved over the years in order to eliminate failure modes, while maintaining backward compatibility with older units. Our one-piece pinion shafts are made of heat treated alloy steel for maximum toughness. Our ground self centering alloy steel racks slide on oil-impregnated replaceable sintered bronze bearings, and sealed, oversized ball bearings are standard. And we proudly stand behind our products with a worry-free two year limited warranty.

CUSTOMIZABLE
Often, a simple modification can reduce your parts count, space requirement, or improve your product’s performance. We keep blanks of all the customizable parts in stock so we can deliver specials quickly and at low-cost.

Simple modifications, in general, do not affect delivery time. But we can also design a new product from the ground up if that is what your application requires. Call Rotomation, “where specials are standard.”

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**INDEXING ACTUATORS**

**ROTATE SHAFT ONE WAY IN PRECISE STEPS TO HARD STOPS**

**APPLICATIONS:**
- Indexing conveyor
- Walking beam
- Packaging (i.e. carton up-enders)
- Index tables
- Star wheels

The Rotomation indexing actuator is a unique pneumatic device that reliably provides shaft rotation in precise steps in one direction without cumulative error. It shares a number of components with a normal rack and pinion rotary actuator.

**KEY FEATURES:**
- Totally unique
- Low cost
- Simple replacement for servos
- High cycle life construction
- Magnetic sensors
- Shaft rotation in precise steps
- High cycle life construction

**OPTIONS:**
- Adjustable rotation and bumpers
- Cushion and flow controls
- Mounting plates
- High pressure and heavy duty
- Washdown protection

**APPLICATIONS:**
- Conveyor diverters
- Machine loading/unloading
- Material handling and packaging

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**ROTARY ACTUATORS**

**ROTOR SHAFT BAY AND FORTH**

**COMPACT BODY**

**TIE ROD CONSTRUCTION**

**KEY FEATURES:**
- Zero backlash
- Clean exterior
- High speed and torque
- Rotations up to 190 deg. on A032 and AT82, up to 90 deg. on AL75

**OPTIONS:**
- Adjustable rotation
- Single or double ended shaft

**APPLICATIONS:**
- Handling small parts
- Semiconductor manufacturer
- Animatronics

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**TIE ROD CONSTRUCTION**

**STEPPING ACTUATORS**

**ROTATE ONE WAY IN INCREMENTAL STEPS**

**APPLICATIONS:**
- Pick and place
- Reach in and turn
- Sample and dump
- Adhesive dispenser

**KEY FEATURES:**
- Very precise and rugged
- Rotations up to 730 deg.
- Highly configurable
- Fully buildable

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**OTHER PRODUCTS AND ACCESSORIES**

**CUSTOMIZED PRODUCTS**

**SPECIAL FEATURES:**
- Special shafts
- Special mounting hole patterns
- Special shafts
- Special materials (Stainless, plastic)

**CUSTOM PRODUCTS:**

- Very flexible and short lead times
- Special mounting hole patterns
- Very flexible and short lead times
- Very flexible and short lead times

---

**CUSTOMIZED PRODUCTS**

**TYPICAL ACTUATOR CONSTRUCTION & FEATURES**

**SHAFT MOUNTING ADAPTOR**

**REAR**

**REAR**

**REAR**

**REAR**

**REAR**

**REAR**

**REAR**

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**REPAIR/REBUILD SERVICES**

Ratomation actuators are designed to be fully rebuildable. For a fraction of the original cost, we will perform a thorough assessment and give you a detailed repair quote. We stock most bearings, seals, and FKM O-rings. Call to learn more. Our rebuild service saves you money with a down payment and zero down, low interest. For a list of warranty and repair information, call for details.