



MACRON DYNAMICS

Versatile. Scalable. Simple.

LINEAR ROBOTICS

Versatile. Scalable. Simple.

- Gantry Systems
- Cartesian Robots
- Multi-Axis Automation



BELT DRIVEN ACTUATORS

Belt-Driven Motion Technology

- Speed, Accuracy & Reliability
- Horizontal & Vertical Motion
- Extra Long Travel Capabilities



SCREW DRIVEN ACTUATORS

Precise Positioning Solutions

- Screw Actuators, Tables & Stages
- Exceptional Positional Accuracy
- Single & Multi-Axis Options



ABOUT MACRON

Motion Solutions Since 1988
Built to last in the USA.

Macron Dynamics, Inc., a manufacturer of linear and mechanical motion components and systems, provides automation solutions for applications found throughout the U.S. and around the globe. For over 30 years, Macron has refined each component and every product through time-tested installations and experience. Macron products are built with the highest quality materials, assembled in the USA, and engineered to withstand the abuses of rigorous, daily usage. The result is a combination of versatility, positioning repeatability durability, and virtually maintenance-free operation.

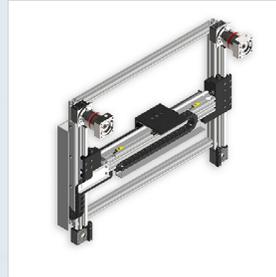


T-Bot Gantry

- Extremely fast and versatile belt-driven pick and place gantry.
- Fixed motors to reduce moving masses and increase linear robot speed.
- Utilizes single belt to drive both axes of motion.

H-Bot Gantry

- High speed, high-performance cartesian gantry.
- Fixed motors utilize a single belt to drive both axes of motion.
- Combine with a belt or screw driven vertical axis to create a fast and efficient cartesian system.



Gantry Systems

- Designs based on MacSTANDARD family of actuators with “connection kits”.
- Gantry systems include cable track, reducers, torque tubes, and sensors. Theta axis available.
- Please refer to the product specification download document for the standard size.

Robot Transport Units [RTU]

There are many applications where an articulated arm Robot needs to move an additional axis to extend the reach or provide higher levels of flexibility. Macron offers this “7th axis” capability with our RTU, Robot Transport Unit. Using a novel, flexible belt based “rack and pinion” design and structural aluminum MacFRAME components, our transport units can meet a wide variety lengths and payloads.



Sanitary Actuators

Stainless steel construction with open design ensures the actuators are non-reactive, non-contaminating, corrosion resistant and cleanable. The actuators are intended to provide linear motion solutions for nonfood contact use.

Contact Us Today to Request Information or Locate a Distributor.