

The Right Solution For YouSM

Motion Control



Improve Machinery Performance, Reliability & Profitability

Motion Control Experts

RC Controls has been providing motion control solutions to manufacturers and OEM machine builders for a variety of industries and applications since 1988. We have the experience to help you achieve your goals. From turnkey systems to consulting, our expertise ranges from low-cost to high-performance systems.

Whether your company needs motion control components ready for installation, or complete turnkey electromechanical systems, RC Controls' staff is expert in machine retrofits, motion control concepts and applications, and component selection. Our sales and application engineers are highly experienced in numerous

areas, including servos and steppers, actuators, robotics, mechanical analysis, system design, PLCs, HMI, and cable assemblies. As part of Zeller Corp., RC Controls works with over two dozen manufacturers of motion control products, which provides access to a wide array of solutions and technologies.

Reliability Drives Profits

Our world-class solutions help customers improve machinery performance and reliability, regardless of the complexity or simplicity of the application challenge. Thus, RC Controls' solutions increase production throughput and minimize downtime, resulting in increased productivity and profitability for our customers.

Typical Applications

Typical applications include but are not limited to: Pick and Place, X-Y Stages, Reciprocating Flying Shear, Bag Machines, and Inspection Systems. Other industrial applications include:

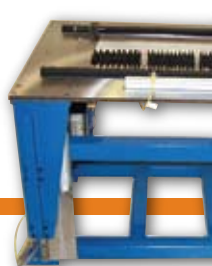
- Registration Control
- Winding
- Parts Assembly
- Machining Centers



Bag Machines



High Accuracy X-Y Stages



Reciprocating

Consumer Goods

Semiconductor

Capabilities

Component Selection—Size servo and stepper motors, motion controllers, drives, electric actuators, and X-Y-Z stages.

Motion Systems—Develop motion control concepts, programming, electrical panel design, installation, training, and service.

Custom Cables—Provide cost-effective power, feedback and controller interface cable assemblies for motion systems.

Robot Integration—Program Cartesian, SCARA, and Articulated Arm robots.

Vision-Guided Motion—Integrate and program vision systems for motion/robotic guidance and extended field-of-view measurements.

A Formula for Success

The foundation for RC Controls' outstanding reputation is the result of years of experience, effort and perseverance. We use field-proven, industrial-rated motion control components that can withstand the rigors of 24-hour-a-day factory floor operation. To ensure customer consensus and acceptance on the factory floor, we offer the following contract services as part of our proven work process:

Analysis & Definition

Our applications engineers and sales people consult with the customer to analyze and define the system requirements to develop a mutually agreeable benchmark.

Design & Development

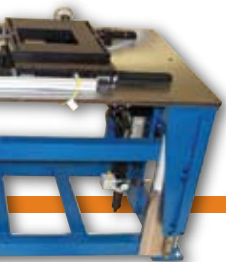
We produce a written specification, including timing diagrams, software flow charts and program source listings, and submit them to the customer for approval.

Testing to Performance Benchmark

After the system is designed and built, we test it to the mutually agreed upon benchmark. We then invite the customer to our facility to witness-test the equipment to their satisfaction.

Follow-up & Technical Support

After the equipment is installed, we follow up with the customer to ensure success and total customer satisfaction. We also provide support services when needed, such as training, phone and on-site support.



Flying Shear



Robot Palletizing



Multi-Axis Servo Control Systems

Packaging

Medical

Automotive

Our Customers Count On Us

Customers count on RC Controls to improve their machinery's performance, reliability and profitability. They know that RC Controls' systems will provide many years of reliable operation and that our systems are backed by an experienced and dedicated staff of professionals. Whether you need a low-cost or high-performance motion control system, RC Controls has *The Right Solution for YouSM*.

To assist you with your motion control challenges, please contact us at:

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The Zeller Edge

The breadth and depth of Zeller Corporation enables its subsidiary companies, such as RC Controls, to offer its customers an extensive range of additional services and resources, including a critical mass of technical expertise, an interdisciplinary approach to solving engineering challenges, and the opportunity to partner with world-

class vendors. Ask your RC Controls Sales Representative for more details.

Zeller Corporation, headquartered in Rochester, New York, owns and operates several companies, including Zeller Electric, Zynergy Solutions, VSG Enviromation, RC Controls, and A & D Devices. Zeller provides world-class engineering solutions and value-add services for

motion control, industrial automation and controls, machine vision inspection, and process control for industrial and municipal markets, and is a full-line distributor of high-tech electrical and mechanical components. To learn more about Zeller Corporation and its companies, visit our website at www.zellercorp.com.

Zeller's Family of Companies

Zeller Corporation	A & D Devices
Zynergy Solutions	Zeller Electric
VSG Enviromation	RC Controls