

Competitive Advantage

- High performance electric hydraulic motion control, including pressure/force control
- Synchronize 2 to 32 axes; electric or hydraulic
- Communicate with any system, connect to all transducers—integrate easily into new or retrofit applications
- Powerful and easy-to-use RMCTools software
- Free software & firmware with unlimited upgrades
- Free 24/7 telephone and e-mail/ text support
- Ships within 10 days after receipt of order
- 34 years of expertise in motion control
- Zero obsolescence policy
- Designed and Manufactured in the USA

Company Profile

Delta Computer Systems, Inc. manufactures motion controllers, color sensors, and other industrial controls providing high-performance automation solutions to a wide range of industries.



Free Design Guide

“We’ve been able to easily adapt the Delta motion controller for several different testing regimens; and are now confident that we can continue to deliver quality products to the aerospace industry.”

Gary Burdorf, HTC Principal and Chief Engineer

Products

RM200 Module (Up to 32-Axis)

The RMC200 supports most of the features of the RMC70 and RMC150.

New features include:

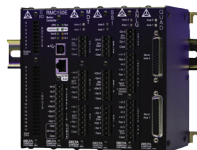
- **Feature Key** - The removable and field-upgradable Feature Key token in the CPU module specifies the number of customer-ordered control loop
- **High Analog Resolution** - Increased analog input and output resolution of 18 bits.
- **Control Loop Times** - Lower control loop times, down to 250 μ sec, for more axes Negative correction factor for load cells More feedback filter types.



RMC150/151 Module (Up to 8 Axis)

Control and synchronize multiple axes with same communications and I/O requirements and Dual-Loop Pressure/Force Control as of the RM70 series.

- *There are 500+ configurations for RMC150/151.*



RMC75 Base Module (1-2 Axis)

Control and synchronize multiple axes with same communications and I/O requirements and Dual-Loop Pressure/Force Control as of the RM70 series.



Please contact us with your application needs and we will help. RMC Motion Controllers bring the benefits of Delta's Practical expertise to electric and fluid power motion systems of any size with flexibility and ease-of-use.

Voltage-to-Current Converters

Designed for converting a voltage drive output to a current drive output in order to control a servo valve.

VC Converter

Features

VC2124	2-axis, Power Supply: 24VDC
VC2100	2-axis, Power Supply: +/-15DC
VC2100-HS	2-axis, Power Supply: +/-15DC, High-Speed

Communication

Communicate with all major LCs for industrial hydraulic, electric, and pneumatic applications.

- EtherNet/IP, PROFINET, PROFIBUS, Modbus (TCP) CSP, FINS
- Serial RS-232/422/485, DF1, etc.



DELTA
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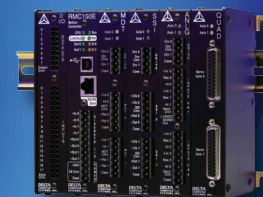
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COMPUTER SYSTEMS

Motion Control



RMC200
up to 32-axis



RMC150
up to 8-axis



RMC75
1 or 2-axis

- **Best in Class Motion Control**
- **Closed-Loop Dual Loop Control of Position, Velocity, Pressure/Force**
- **Up to 32-axis Synchronized Motion**
- **Mix and Match Feedback Devices**
- **Electric, Hydraulic & Pneumatic Actuators**

deltamotion.com



Wide Range of Industrial Applications

The RMC's incredible versatility and value make it ideal for a wide range of industrial applications.

- Pressing/forming/extruding
- Casting/forging
- Cutting/shearing/assembly
- Palletizers/stackers
- Indexing/transfer lines/lifts
- Pinch rollers/winders/wrappers
- NDT and Cyclic testing
- Edgers/headrigs/veneer lathes
- Flying cutoff/curve sawing
- Injection/RIM/blow molding
- Robotics
- Animation
- 6 degree of freedom gimbals



Markets

- Manufacturing
- Metals
- Oil and Gas
- Automotive
- Aerospace
- Testing
- Wood products
- Plastic and Rubber
- Entertainment

Best in Class Motion Control Solutions

Delta puts 3 decades of innovation and experience in motion control at your side. Our versatile connectivity and configurability lets you upgrade machine performance easily. Our powerful and easy-to-use software tools let you design, diagnose and optimize faster than ever. Depend on Delta to help you get more productivity out of your machines.

Connect

Communicate efficiently to any master computer using one of seven supported protocols.

Connect to feedback devices:

- » MLDT magnetostriuctive linear displacement transducers (MTS, Balluff)
- » SSI interface
- » Quadrature
- » 16-bit Analog
- » 24V DI/O

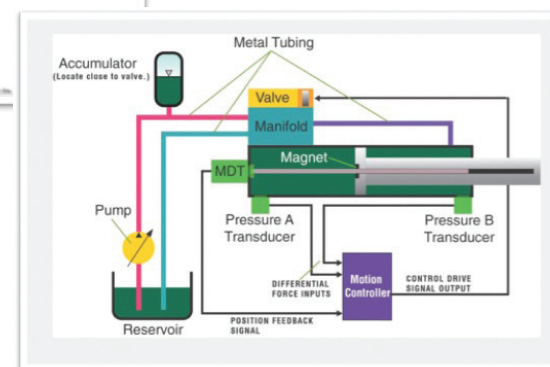
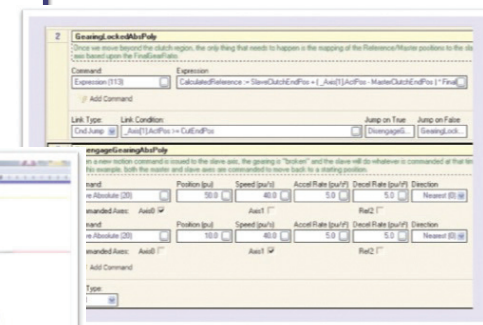
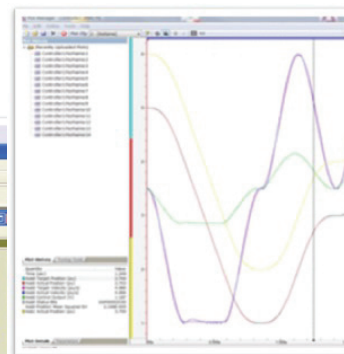
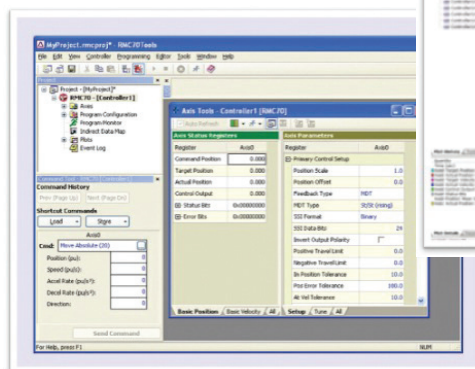
Control

Take advantage of the parameters and algorithms needed for high performance electric-hydraulic motion control, including pressure/force control.

Control using commands from the PLC of your choice ... or offload the PLC of critical tasks using Delta's User Programs, which run at motion-loop rates.

Optimize

RMCTools let you see motion as never before – graphically and in detail. Use the Tuning Wizard to commission systems quickly.



With Delta's RMCTools you will have your machines running more smoothly than ever in less time than you thought possible.

- Graphic display of motion and pressure profiles
- Windows-based, context-sensitive help
- Plot tools help tune and diagnose
- Curve tool editor for spline profiling
- Print graphs or import into Excel spreadsheet

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