

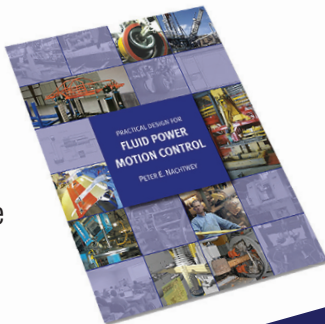
COMPETITIVE ADVANTAGE

- High performance hydraulic motion control, including pressure/force control
- Synchronize 2 to 50 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 support
- Ships within 10 days after receipt of order
- 40+ years of expertise in motion control
- Zero obsolescence policy
- Designed and manufactured in the USA

FREE
DESIGN
GUIDE

COMPANY PROFILE

Delta Motion manufacturers motion controllers and other industrial controls providing high-performance automation solutions to a wide range of industries.



"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

RMC MOTION CONTROLLERS

The RMC200, RMC150, RMC75 share RMCTools software and most features.



RM200 Standard (Up to 50-Axes)

Special features include:

- The removable and field-upgradable Feature Key token in the CPU module specifies the number of customer-ordered control loops
- Control loop times down to 125 μ sec
- Analog resolution increased to 18 bits
- Load cell inputs; 4-20 and $\pm$ 20mA outputs
- More feedback filter types

RMC200 Lite (Up to 18 Axes)

Provides all the same control features as the RMC200 Standard, with up to 18 axes of control, and supports up to 40 reference inputs.



RMC75 (1 or 2 Axes)

High performance for smaller applications. The RMC75 motion controller series offers a choice of three RMC75 CPUs and up to four expansion modules.



Voltage-to-Current Converters

Convert $\pm$ 10V to current to drive a servo valve. Adjustable from $\pm$ 10mA to $\pm$ 100mA in 10mA steps.

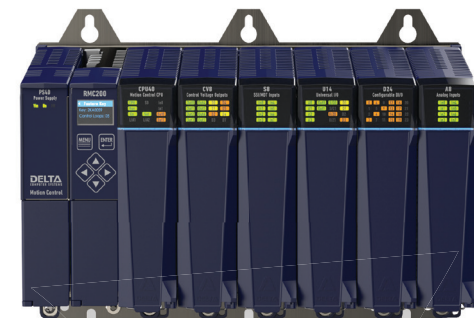


VC Converter

Features

VC2124	2 channel, Power Supply: 24VDC
VC2100	2 channel, Power Supply: $\pm$ 15DC
VC2100-HS	2 channel, Power Supply: $\pm$ 15DC, High-Speed

DELTA MOTION



RMC200 Standard
Up to 50-axes



RMC200 Lite
Up to 18-axes



RMC75
1 or 2-axes

- Best in Class Motion Control
- Closed-Loop Position, Velocity & Pressure/Force Control
- Dual-Loop Control of Position-Pressure/Force
- Up to 50 Axes of Synchronized Motion
- Mix & Match Feedback Devices
- Hydraulic, Electric & Pneumatic Actuators

EtherCAT[®]
MainDevice

Now Available
for the
RMC200!

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
- Molding
- Casting
- Cutting
- Peeling
- Shearing
- Honing
- Positioning
- Handling
- Robotics
- Gimbal
- Testing
- Simulation
- Grinding
- Polishing
- Welding
- Punching
- Thermal Drilling
- Pump Control



Markets

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

Best in Class Motion Control Solutions

Delta embeds four decades of innovation and experience into our motion controllers and software. Depend on Delta to help you get more productivity out of your machines.

CONNECT

Communicate efficiently to any PLC or computer.



Connect to feedback devices:

- Magnetostrictive linear displacement transducers: SSI, PWM, Start/Stop
- Quadrature encoders
- Resolvers
- Analog I/O
- Discrete I/O

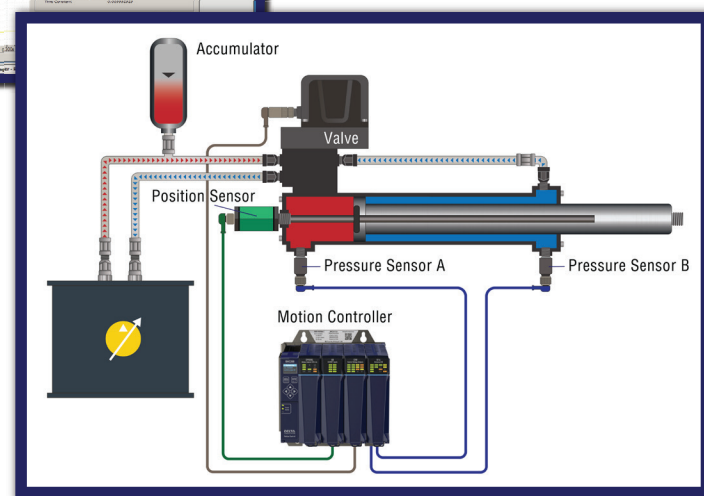
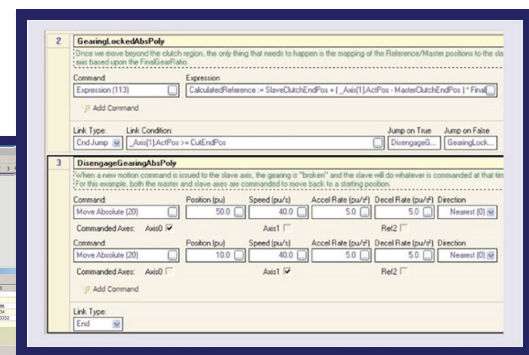
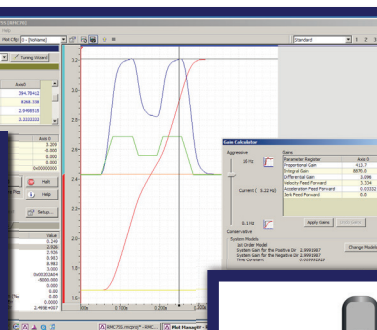
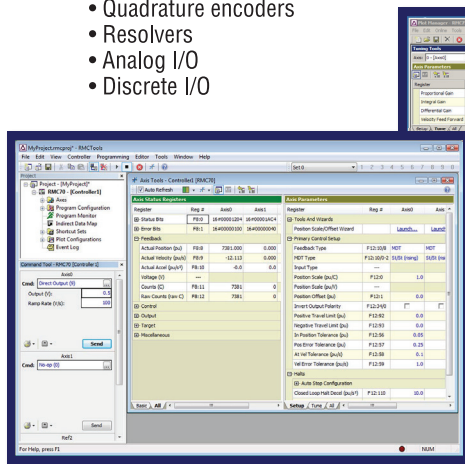
CONTROL

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 lets 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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