

MARKET LEADING
COMPRESSOR, VACUUM
PUMP AND ASSOCIATED
EQUIPMENT CONTROLS

WWW.CONTROLCOMPRESSORS.COM



AIRMASTER



COMPRESSOR, VACUUM PUMP AND ASSOCIATED EQUIPMENT MANUFACTURERS

**CMC IS THE GLOBAL MARKET LEADER IN EMBEDDED
COMPRESSED AIR AND VACUUM APPLICATION CONTROLS**

Our Airmaster™ products are specifically designed and manufactured to optimise the performance of air compressor, vacuum pump and related products in every individual application.

UNIQUELY SCALABLE, BESPOKE PRODUCTS

Drawing on unrivalled expertise, hardware engineering and software development capabilities, our solutions extend way beyond machine programmable logic controllers.

We design, develop and manufacture a range of products that feature user interface variations, a range of input and output (I/O) combinations and communication options all arranged around a variety of enclosure styles.

The result is a uniquely scalable range of products that enables air compressor, vacuum pump

and related equipment OEM manufacturers across the globe to cut costs, streamline R&D and bring new end products to market faster than ever before.

ACCELERATING PRODUCT DEVELOPMENT

The Airmaster™ range combines CMC's portfolio of hardware platforms and software library with quality assured manufacturing and assembly to help customers dramatically reduce their own product development cycles.

Robust and exceptionally reliable, Airmaster™ products are delivered on time and within budget, leaving OEM manufacturers free to focus on overcoming other product design challenges.

REALISING SIGNIFICANT SAVINGS

In addition to helping minimise the costs associated with product development and manufacture, we are uniquely

placed to carefully customise all products and software to provide bespoke yet extremely cost effective control solutions.

WITH AIRMASTER...

- > Reduce end product development cycle time and cost
- > Utilise CMC's extensive library of hardware and software options
- > Create your bespoke machine controller
- > Benefit from rapid controller development
- > Enjoy reduced end product assembly time and cost



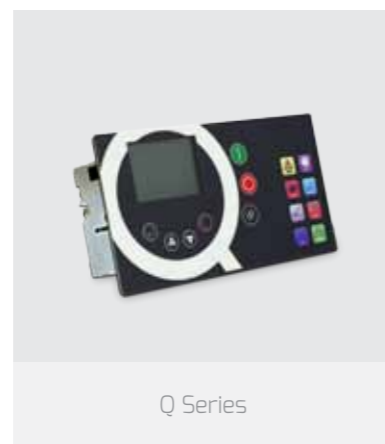
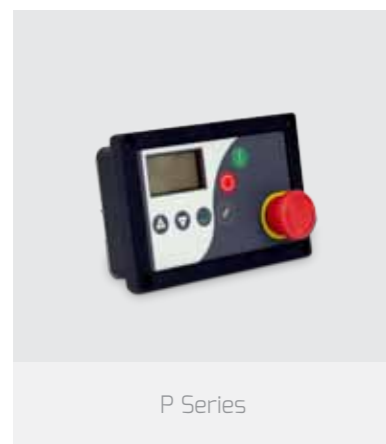
GAIN MORE FROM THIS BROCHURE

Download the FREE CMCAR App to your smart device. Once installed, open the app and point your device at pages showing the icon (see right), for an interactive experience and better insight into Airmaster™ products.



PROVEN, APPLICATION SPECIFIC PRODUCTS COMBINED WITH UNRIVALLED TECHNICAL SUPPORT

Airmaster™ products deliver the complete, value adding solution for small, medium and large volume manufacturers alike.



AIR COMPRESSOR, VACUUM PUMP AND RELATED EQUIPMENT CONTROLS

Our control products replace traditional switchgear, timing and protection devices allowing equipment performance and condition to be quickly and easily monitored.

Airmaster™ can also provide a ready-made, user friendly human machine interface equipped with the latest graphics, keypad and touch screen technology. High resolution, displays can be used as multi item indicator panels or to animate diagrams.

For larger applications the Airmaster™ N Series offers a

flexible range of user interface designs with scalable I/O and communications options, all housed within a series of enclosure options. For total flexibility Airmaster™ N Series is available as a complete controller assembly or as separate panel mountable components.

NETWORKING:

Airbus485™ is a networking protocol specifically engineered for air compressor and vacuum pump systems. Using the Airbus485™ network and ISC embedded system control software, Airmaster™ can provide the ability to network multiple air compressors or vacuum pumps for effective system control.

Airmaster™ gateway devices to support MODBUS, Profibus or

DeviceNet network integration are also available. In addition, our technical experts support integration with the aforementioned networks.

OPERATING AND APPLICATION SOFTWARE:

With over 30 years experience and literally thousands of software applications complete, our extensive software library helps overcome most challenges likely to be encountered.



Airmaster™ control products are proven in piston, vane, rotary screw or centrifugal compressed air and vacuum applications

USE CMC'S RANGE OF METACENTRE™ SYSTEM CONTROL PRODUCTS AND ENHANCE YOUR AIRMASTER™ EQUIPPED PRODUCT RANGE:



- > System controllers for almost any air compressor or vacuum system requirement
- > Distributed I/O for monitoring of ancillary products such as dryers and filters
- > Networking solutions that support field bus integration
- > Visual software for local or remote monitoring

BENEFIT FROM:

- > R&D time and cost savings
- > Shorter product development cycles
- > Assured product quality and reliability
- > Improved product performance
- > Reduced manufacturing costs

For more information on the Metacentre™ product range, please visit www.metacentre.eu or contact CMC.

Together, Airmaster™ and Metacentre™ combine to provide an unrivalled range of machine and system control products that complement any machine manufacturers product range.

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