

## Compressed air management systems Energy savings of over 35%

Numerous compressor stops and starts, energy wastage and wide variations in the compressor operation represent common problems in many compressed air systems. Concerto **Mattei's** new state-of-the-art compressed air management system, designed to satisfy any requirement of a compressed air user, regardless of the type of compressor installed. By the use of customisable functions the device allows the simultaneous command and control of up to 16 compressors, limiting their idle running times and optimising the customer's choice. Concerto enables energy savings of over 35%. Main characteristics of Concerto: Immediate saving. Regardless of the compressors combination and model, Concerto always selects the most economical configuration, maximising the plant efficiency. Concerto controller extends the life of compressors, guaranteeing the smallest number of motor start ups, and eliminating idle running times almost completely. Functionality. Concerto requires only a few configuration parameters, to allow the



combination of differently performing compressors to synchronise their compressed air production with the consumption demand. A clear display facilitates the system programming operations, making them easy and intuitive. Control via PC.

The main parameters, failure signals, maintenance intervals and energy consumptions can be directly displayed on a PC via a normal web server. This way the equipment can always be easily monitored and controlled in order to minimise unplanned events.

Global management. Dryers, filters and condensate treatment accessories can be directly connected to the system via digital inputs. In the same way analogue output sensors can be connected, in order to monitor the entire compressed air system. Due to this Concerto provides an extremely wide range of information regarding the plant management, which is also viewable via web server. Concerto also manages and controls variable speed compressors, fitted with an inverter, ensuring that they remain within their maximum efficiency range. [Translate](#)