

Contact your regional Pneu-Logic Representative for all the details.

More information is yours for the asking. Case studies document industry applications and savings. Datasheets provide details on the universal compatibility, comprehensive integration with compressed air; monitoring and data collection capabilities; SCADA, Web and custom communications interfaces; and traditional I/O options.



Delivering energy savings and productivity gains worldwide.

Pneu-Logic, the leader in energy efficient industrial compressed air management systems and control technology, was founded by globally recognized pneumatic systems engineers dedicated to industrial energy efficiency. Our innovative technology - in development for more than ten years - was first offered to the marketplace in 2000. Today, some of the world's most progressive companies realize lower energy costs, improved reliability and efficiency, and a reduction in carbon emissions using Pneu-Logic's advanced systems and engineering services. Some customers have saved over 40 percent on their total compressed air energy costs. Request a case study.



For more information, contact your regional Pneu-Logic Representative or Pneu-Logic Corporation.

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PL4000

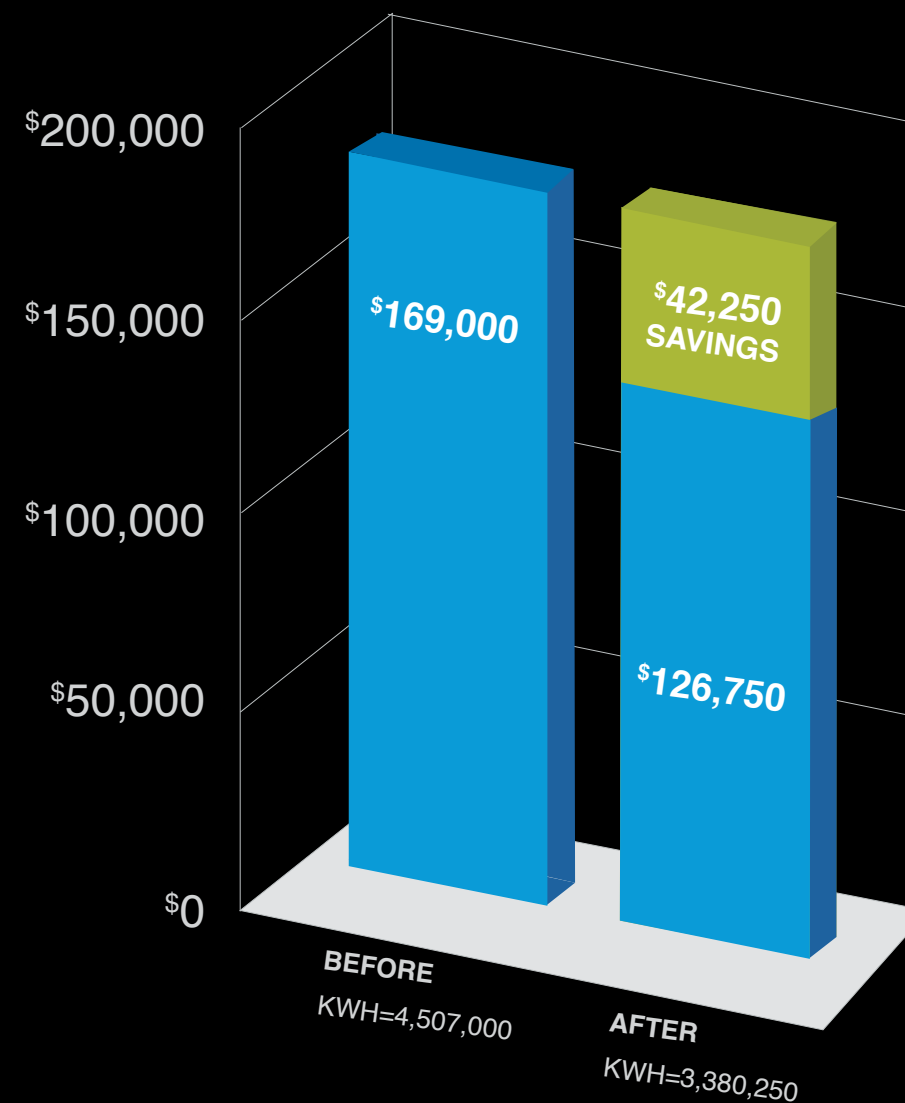


PL1000



PL500

Cut compressor system energy use by 15-40%



SERIES HIGHLIGHTS

- Significantly reduces operating cost
- Manages all brands of compressors
- Increases system productivity, reliability, and system life
- Reduces downtime and maintenance
- Stages compressors to match demand in real time using patented Airgonomics™ technology
- Monitors and trends data such as power, pressure and flow
- Preserves native compressor controls and features

Typical example of kWh-energy savings and cost savings (assuming 3.75 cents/kWh), before and after Pneu-Logic Airgonomics™ technology is applied.

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Choose one compressor management system to get all your compressors under cost control.

Pneu-Logic's exclusive Airgonomics™ technology reduces energy use and maintenance costs, plus extends compressor and component life.

Patented Airgonomics™ technology is embedded in all three Pneu-Logic Compressed Air Control Management Systems of the PL-Series. Consider these benefits:

Timely ROI. Typical ROI in 12-18 months

One Unit Serves All Compressors. Control any brand of compressor, any type, any size, and up to 2, 8, 16, or an unlimited number to maximize your compressor system synergy and efficiency.

One Unit Dynamically Manages Mixed Networks. Complex mixed networks of both positive displacement and centrifugal industrial compressors can be managed with one Pneu-Logic unit.

Energy Savings. Expect energy savings of 15–40% from the very first month.

Longer Life for System. The PL-Series stabilizes the entire system's pressure to increase efficiency and extend the life of compressors and system components.

Lower Maintenance Costs, Less Downtime. When timely equipment maintenance is factored into compressor selections, the entire system performs better and more reliably.

Increased Productivity To reliably meet airflow demands on-demand, without waiting, increases productivity.

PL4000

The PL4000 offers comprehensive flexibility while minimizing energy and maintenance costs for larger systems.

The patented PL4000 compressed air master control system utilizes customized software and systems technology to generate the most efficient output possible from each industrial air compressor. Using a real time network of data input sensors, Pneu-Logic technology dynamically measures total air flow against demand, managing and controlling the operation of each compressor in order to most efficiently meet the actual system-wide demand for compressed air. Pneu-Logic manages this vital industrial energy source with unmatched efficiency and proven reliability.



SELECTION GUIDE

MODEL	PL4000
NUMBER OF COMPRESSORS	Unlimited
CONTROL METHOD	Run-time scoring, including pressure, flow and user-defined inputs
TECHNOLOGY INCORPORATED	Embedded Computer (PC-compatible). Ethernet interface to PC-based HMI and Internet. SCADA server ready for client connection to plant-wide information systems.

PL1000

The PL1000 provides effective controls for medium-sized plants.

The PL1000 provides compressor monitoring and sequenced control for up to 8 air compressors. Both the PLC and DCM versions stage compressors in response to varying demands. The result is a substantial reduction in compressed air system energy consumption and operating cost.



SELECTION GUIDE

MODEL	PL1000 PLC	PL1000 DCM*	PL500 PLC	PL500 DCM
NUMBER OF COMPRESSORS	Up to 8	Up to 16	2	2
CONTROL METHOD	Target pressure-controlled sequencer, with rotational capability	Pressure-controlled sequencer, with rotational capability	Lead/lag with sequence options to balance compressor operations	Lead/lag with sequence options to balance compressor operations
TECHNOLOGY INCORPORATED	PLC (Allen-Bradley or Koyo).	Web-based HMI. Optional touch-screen HMI.	PLC (Allen-Bradley or Koyo).	DCM. Web-based HMI.
		*AVAILABLE 2014		