

Compressor Control Systems

Typical applications

- Reciprocating compressors
- Rotary screw compressors
- Centrifugal compressors
- Rotary vane compressors
- Steam driven
- Diesel or Gas engine driven
- Motor driven

Key benefits

- Total system integration and process control
- Bespoke design capabilities offering solutions for your specific application
- Increased efficiency and reliability
- Optimised running costs
- Intelligent process controlling, monitoring and recording
- Innovative control methods for optimised performance
- System certification offered to suit world-wide environments



A compressor control system to control and monitor a centrifugal compressor, designed specifically for a harsh environment. Located outdoors, in a high ambient and Zone 1 hazardous environment. Protection for the system is air pressurisation with additional air conditioning.



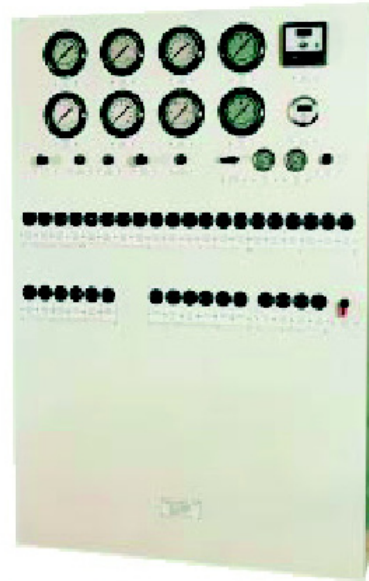
Compressor Control Systems

Types of Systems

AMOT offers competitive solutions, providing the engineering link between the end user and machinery supplier.

We can provide control systems from basic solid state relay controls through PLC and SIL rated logic controllers, where AMOT provides, through experience, all the necessary application software

Pneumatic control is also a cost effective solution in remote locations.



Pneumatic local control system located in Egypt

Standards

We have become expert in issues surrounding the interpretation and application of standards and technologies. At every stage of development we can advise what can and can't be used, either providing you with the complete solution or working with your engineers to customise your control system.

We are highly experienced at working with varied international standards, including:

Europe	USA	Rest of World
ATEX	NEC	IEC
CENELEC notified bodies	NEC 500	IECex
BASEEFA	NEC 505	Lloyds
ISSEP	NFPA	ISO
SIRA	FM	
PTB	UL	
LCIE		

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The Total Control Solution

AMOT is a control systems solution provider for instrumentation and control systems, operating in the oil and gas, industrial, petrochemical and entertainment markets. AMOT is undoubtedly one of the most experienced manufacturers of control systems for rotating machinery currently operating in the world market – and particularly in the field of hazardous area control systems our experience is unrivalled. We work closely with our sister companies, Metrix and CCC, to provide you with the total control solution.



Whether your control system is a single ESD pushbutton station or a state of the art programmable control system, a safe area or hazardous area solution, a standard cabinet or bespoke metalwork, electrical or pneumatic

control system, we can provide you the complete control system solution for your business. If you're unsure, please talk to us about your requirements. AMOT manufacturing plants are all ISO 9001 accredited.

Our experienced team will carry out a specification appraisal and provide a detailed quotation for the control system you require. All drawings are produced on the latest AutoCAD electrical packages and to the latest standards.

Our in-house team assembles the control systems, including piping and wiring and also performs visual inspection, specification compliance and functional testing of your control system. Our service continues for the life-cycle of your control system and we provide on-site commissioning and appraisals via our Service and Aftermarket Support.

Service and Aftermarket Support

The AMOT Aftermarket Team fully supports your operation with parts, service, technical assistance and efficiency, improving system design and system upgrades for the life of your equipment. At AMOT, we value our long-term relationship with our customers and are committed to providing fast reliable service of the highest quality.

Sales and service engineers are available for site visits to give you a personalized service and will investigate potential upgrades, repair, maintenance requirements and retrofits, which will extend and enhance your equipments' operation.

Support

In the event of repair or fault finding, the availability of experienced engineers guarantees minimal 'down time' and associated inconvenience. Equally so, the high technical knowledge of AMOT engineers enables them to troubleshoot on site and even to provide valuable training schools in the field as needed. Technical support is only a telephone call away. Our control systems support is available whether you require instructions over the telephone or an engineer to visit your facility.

AMOT Service provides instant access to all of these facilities and is your one-stop solution for servicing, spares and support.

Upgrades / Retrofit

As a leader in control system solutions we are constantly looking at ways of improving operations, ease of maintenance and most importantly reliability and cost of ownership. Working with our Development and Engineering Department, we are continually developing upgrade packages.

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