



Consolution

"solutions for a more efficient business"

Panel Building:

Consolution design build and install a range of standard and specialist control panels and switchgear, including:

Motor Control Centres (MCC's):



Motor Control Centres utilising standard designs from Form 4 type 2 and 3. Types 1 to 7 are available. Top and bottom cable entry is available on all options.

Consolution also manufacture custom built MCC's where space, access and cable entry may be of concern. Our MCC's can be manufactured in modules for easy access. Standard or remote control interfaces are available for connection to parallel or supervisory systems. Options include hard wired, RS485, Profibus, Modbus, DH+, Ethernet etc. In fact we can design our equipment to suit most interfaces and protocols for telemetry and control applications.



Hazardous Area Equipment:



Consolution have a great deal of design experience and product selection knowledge for equipment in hazardous areas. We can source and build control equipment for use in gas categories Zone 0 to Zone 2 and dust categories Zone 20 to Zone 22.

Consolution have vast experience in the design of intrinsically safe circuits to ensure our control solutions offer safe operations of remote I/O in hazardous environments.

Stand Alone Solutions

From a stand alone DOL, SD or Variable Speed motor starter to single PID controller stations, Consolution can supply a range of tailor manufactured stand alone control panel solution to meet your requirements including:

- Single and three phase direct on line motor starters
- Single and three phase Star Delta motor starters
- Transformer motor starters
- Variable Speed Drives
- Chemical dosing or batching panels
- Remote PLC Stations
- Remote Telemetry Stations (over comms, modem or radio)
- Pumping Controllers
- Level, Flow Pressure etc. stand alone PID Controllers
- Pneumatic control cubicles for on / off or control valve routing
- Pneumatic pump control panels



Other Services:

Consolution can manufacture using most materials including mild steel, stainless, GRP etc with up to IP68 protection.

Consolution can also offer GRP package plant solutions.

Whatever the control application we will design and manufacture to your exact process requirements and in some cases we can offer improvement ideas, gained from our experience in various industries, to improve your process and maximise your plant's value.

Process Automation

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