

Self Contained Panel (Actuator Mount Model)

The hydraulic self-contained safety system is a reliable control system for shutdown valves (SDV) or surface safety valves (SSV). The low-cost hydraulic self-contained panel is designed specifically for remote locations where external power sources are not available.

The standard system features high and low pressure shutdown functions, a high temperature fusible plug shutdown function and an emergency shutdown (ESD) function. These original designs for our highly reliable systems come from a variety of products. This system is completely self contained and only requires that the operator manually pressurise the hydraulic system to put the safety system in service, opening the valve and arming the high flow hydraulic pressure sensors.

When the system is put in service, the valve remains open until an event triggers the shutdown sequence. The shutdown sequence ends with the actuator failing to safe position.

- Simple design, easy access of all components
- Low maintenance model, minimal components
- Optional cover (lockable for anti-theft) for the self-contained panel unit
- Mounting bracket can be sized based on the actuator requirement



Technical details - typical configuration

Model name	CAC-SC-5K
Dimensions	8.0(L) x 23.5 (H) x 12 (W) inches
Weight	20 kg
System design pressure	345 bar (5,000 psig)
Reservoir	10 litre capacity
Accumulator	Piston type (4 cubic inch capacity)
Pump	Hand pump

Our brand heritage



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