TRAC WORLDWIDE
SINCE 2004

WASP by TRAC

BLACK WASP

Wellhead Automation & Safety Panel

A compact wellhead safety control system using an external hydraulic power source, designed for reliable valve shutdown and pressure monitoring in remote oil and gas applications.



*Image for descriptive purposes only.

KEY FEATURES

External Hydraulic Pump Connection
Quick-connect access ports for a shared portable pump (manual or electric).

SSV & SCSSV Valve Control
Hydraulic control for surface and subsurface safety valve actuators.

High & Low Pressure Detection
Configurable pressure sensing for wellhead shutdown functions.

Sequential Valve Shutdown
Adjustable time delays for ordered surface-to-subsurface valve closure.

Local Emergency Shutdown
Integrated manual shutdown for wellhead safety applications.

Piston-Type Hydraulic Accumulator
Nitrogen-precharged accumulator for thermal expansion compensation.

Remote ESD (Optional)
Optional remote emergency shutdown and solenoid shut-in.

SCADA / RTU Monitoring (Optional)
Optional monitoring instrumentation for remote applications.

HYDRAULIC CONNECTIONS

Quick connection.
Flexible field operation.

PRESSURE RANGES

SSV & SCSSV Hydraulic Circuits:
900 to 20,000 PSI (60 to 1,400 bar).

*Independent pressure circuits available to suit customer requirements.



RUGGED DESIGN

- 16” × 16” × 16” standard enclosure
- 316 stainless steel enclosure
- Estimated IP65 (NEMA 4X) protection
- Integrated lockable anti-theft cover
- 316L seamless stainless steel tubing
- Accessible internal components and flexible mounting options

*Image for descriptive purposes only.

TYPICAL INSTALLATION



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Installation
Flexible mounting on actuator, flowline or support structure.

Hydraulic Power Source
External portable/shared hydraulic pump; manual or electric options.
*Pump sold separately.

Operating Temperature
-30°C to 120°C (-20°F to 250°F).
*Extended temperature range available.

Hydraulic Reservoir
Integrated 7.5-liter (2-gallon) hydraulic reservoir.

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