TRAC WORLDWIDE
SINCE 2004

WASP by TRAC

DIGGER WASP

Wellhead Automation & Safety Panel

A self-contained electro-hydraulic wellhead safety control system for reliable valve operation and shutdown in remote locations with 12/24 VDC power available.



*Image for descriptive purposes only.

KEY FEATURES

Self-Contained Electro-Hydraulic System
Integrated hydraulic power for wellhead safety valve control.

12/24 VDC Operation
Designed for remote locations with available 12/24 VDC power.

Surface & Subsurface Valve Control
Electro-hydraulic actuation for WV / SSV and SCSSV.

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

Sequential Valve Shutdown
Adjustable delays between surface and subsurface valve closure.

Integrated Hydraulic Reservoir
Built-in 7.5 L (2 gal) hydraulic fluid reservoir.

Piston-Type Hydraulic Accumulator
Precharged accumulator helps accommodate thermal expansion.

Remote ESD & SCADA / RTU (Optional)
Optional remote shutdown and monitoring instrumentation.

LOCAL CONTROL & MONITORING

Straightforward operation.
Visible pressure indication.

PRESSURE RANGES

SSV & SCSSV Hydraulic Circuits:

900–3,000 PSI (60–200 bar)

*Independent circuits available by specification.

RUGGED DESIGN

- 24” × 24” × 16” enclosure, custom sizes available.
- Carbon steel enclosure
- Estimated IP66 (NEMA 4X) protection
- Three-point key-locking latch mechanism
- 316L seamless stainless steel tubing
- Accessible internal hydraulic components
- AISI 316 fittings and seamless AISI 316L tubing



*Image for descriptive purposes only.

TYPICAL INSTALLATION



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Installation
Remote support mounting; final location subject to site requirements.

Power Sypply
12/24 VDC supply required for the electro-hydraulic pump.

Operating Temperature
-30°C to 120°C (-20°F to 250°F)

Hydraulic Reservoir
Integrated atmospheric reservoir, 7.5 L (2 gal).

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