



WELL INTERVENTION

Pumps & Panels

TIS Wellhead Control Units



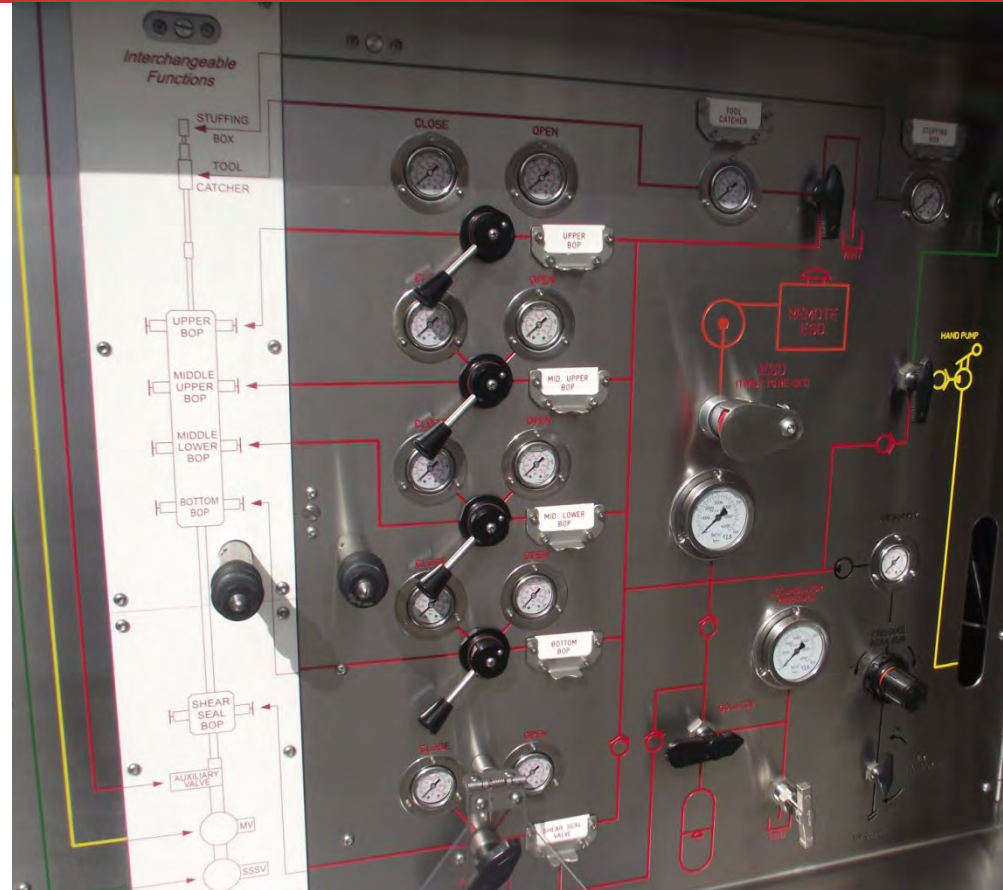
TIS Manufacturing | Well Intervention | Wellhead Control Units

TIS Wellhead Control Units are designed to control the wellhead, which provides the surface based structural and pressure containing interface with a well during well intervention operations.

Bespoke units can be engineered to meet specific operational requirements, accommodate multiple functions, and retain an operator friendly build that allows for easy maintenance in the field.

Features :

- ▶ ATEX Zone compliant design
- ▶ AS4059 compliant Fluid Filtration Systems
- ▶ PLC Systems
- ▶ Wet Centre Reels
- ▶ Remote Control Station
- ▶ Carbon or stainless steel construction
- ▶ Robust & compact design

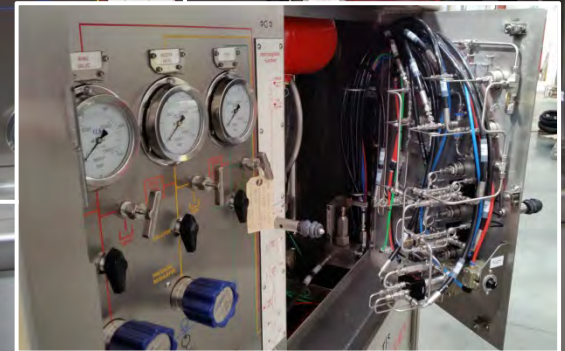
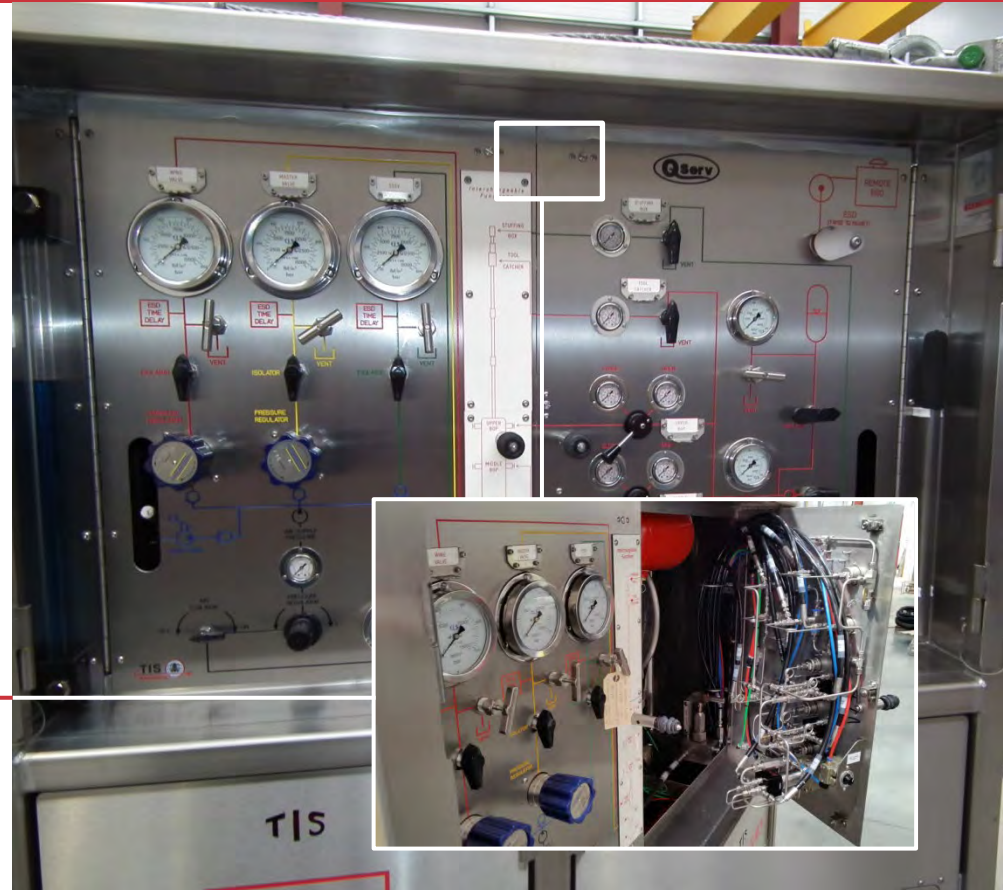


Wellhead Control Units | Hinge Fitted Control Panels

Hinge Fitted Control Panels are designed to open forward and allow unobstructed access to the rear instrumentation fixtures.

High quality stainless steel valves and twin ferrule fittings are used extensively throughout TIS Wellhead Control Units.

HINGED FITTED CONTROL PANEL

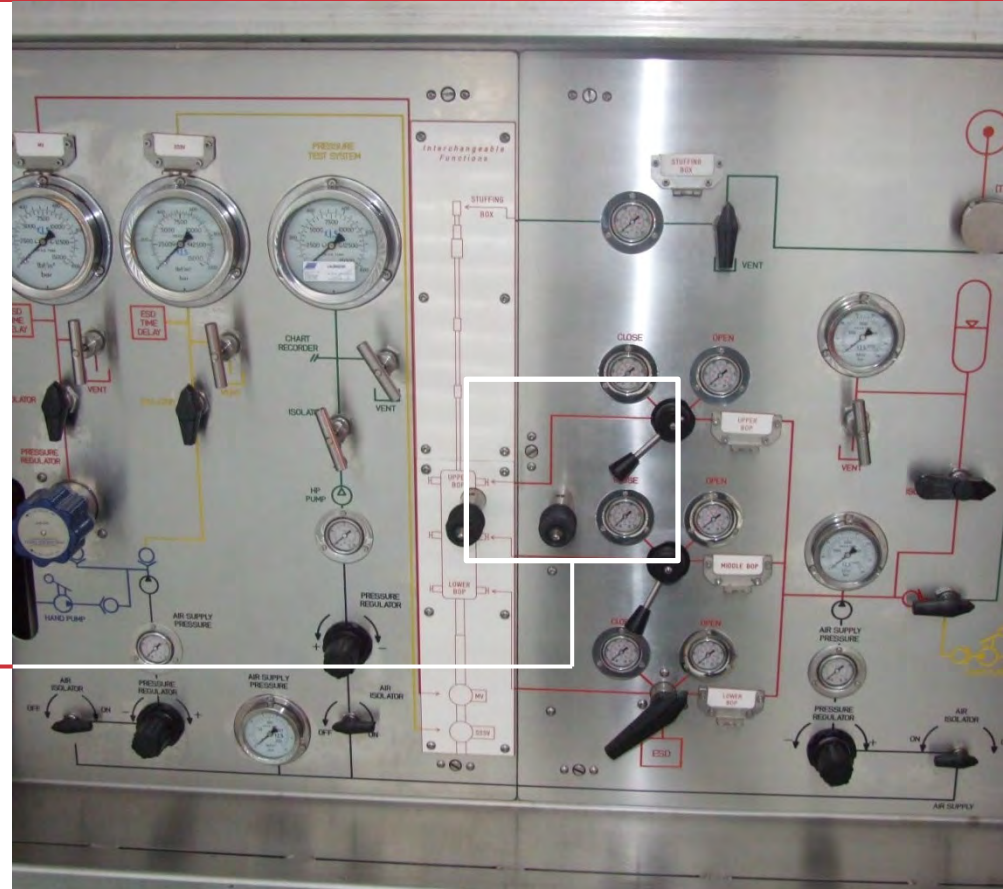


Wellhead Control Units | Colour Filled Engraving

Colour Filled Engraving is used on all panels to ensure that individual controls and functions are clearly identified, eliminating the risk of operator error.

A selection of **Coloured Nylon Pipework** is used on the rear of the panel to identify individual systems.

COLOUR FILLED ENGRAVING

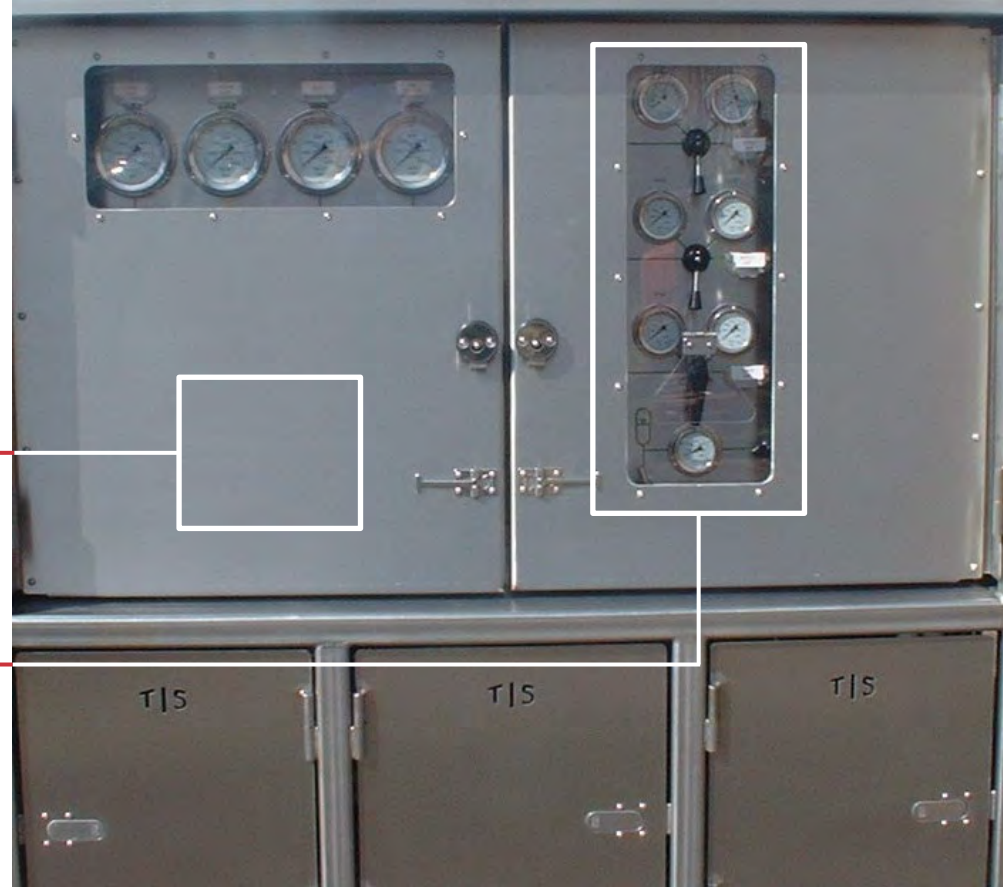


Wellhead Control Units | Exterior Doors with Viewing Windows

Exterior Doors are hinge fitted to protect the control panel and feature **Viewing Windows** to monitor pressure indicators while closed.

EXTERIOR DOOR

VIEWING WINDOW



Wellhead Control Units | Stainless Steel Framework

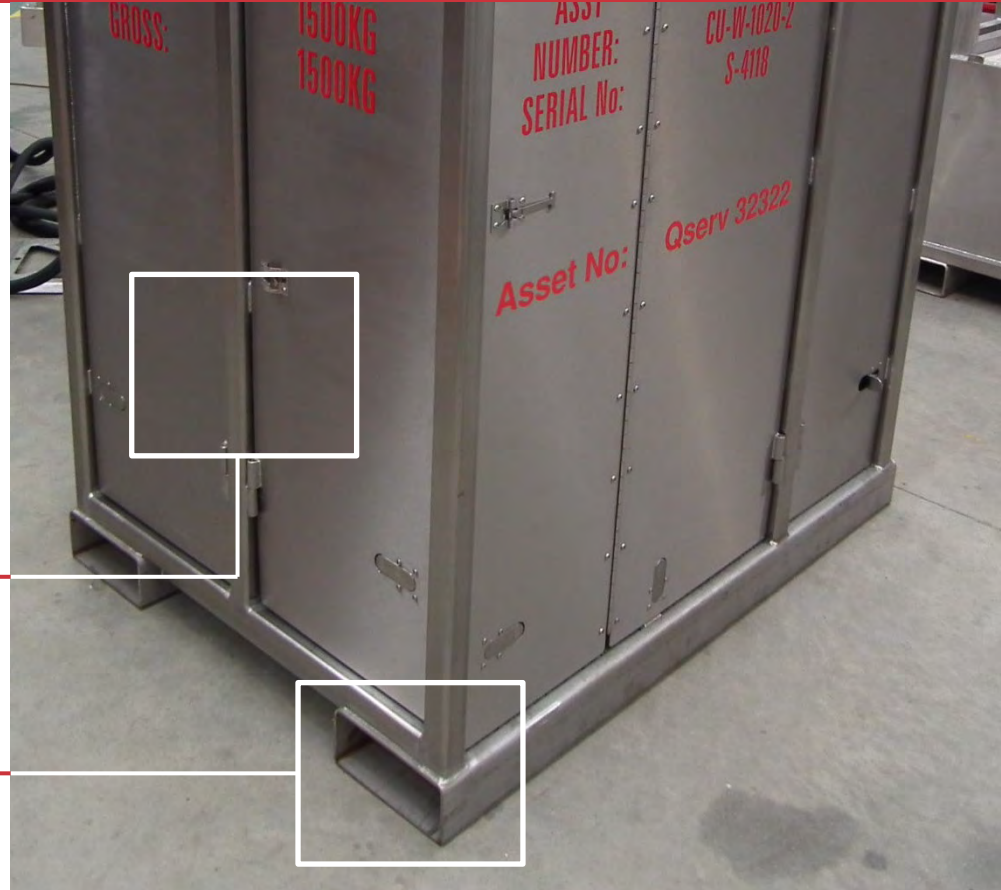
Wellhead Control Unit framework is constructed from **316 Stainless Steel** with both four-point lift capacity and forklift pockets.

The forklift pockets are provided 'end on' to the unit allowing it to be removed from shipping containers by forklift, as required for onshore handling.

Stainless steel hinged doors are fitted on all sides of the unit for easy maintenance access.

STAINLESS STEEL FRAMEWORK & DOORS

END ON FORKLIFT POCKETS



Wellhead Control Units | Wet Centre Hose Reels

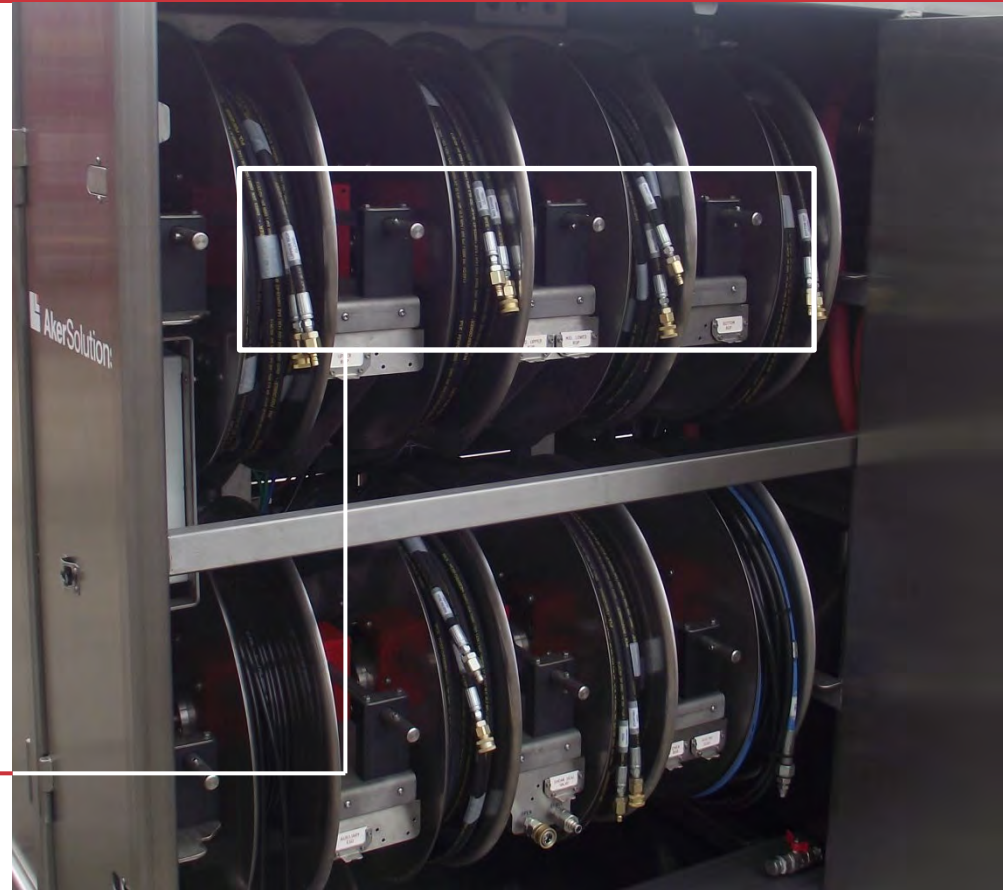
Wet Centre Hose Reels are fitted to the unit for all hydraulic functions including remote valve operation and ESD control.

Manufactured entirely from stainless steel and bronze, the reels are provided with grease nipples for lubrication and are typically capable of storing 100 feet of hose.

Hose reels are fitted with a unique modular hand-wind recovery system that allows for effortless operation when rewinding the hoses.

Spare bulkhead mounted connectors are typically featured to allow additional hoses to be run from the unit.

WET CENTRE HOSE REELS



Wellhead Control Units | ESD System

ESD Systems can be triggered by a push button located on the control panel or by remote ESD function built into the unit.

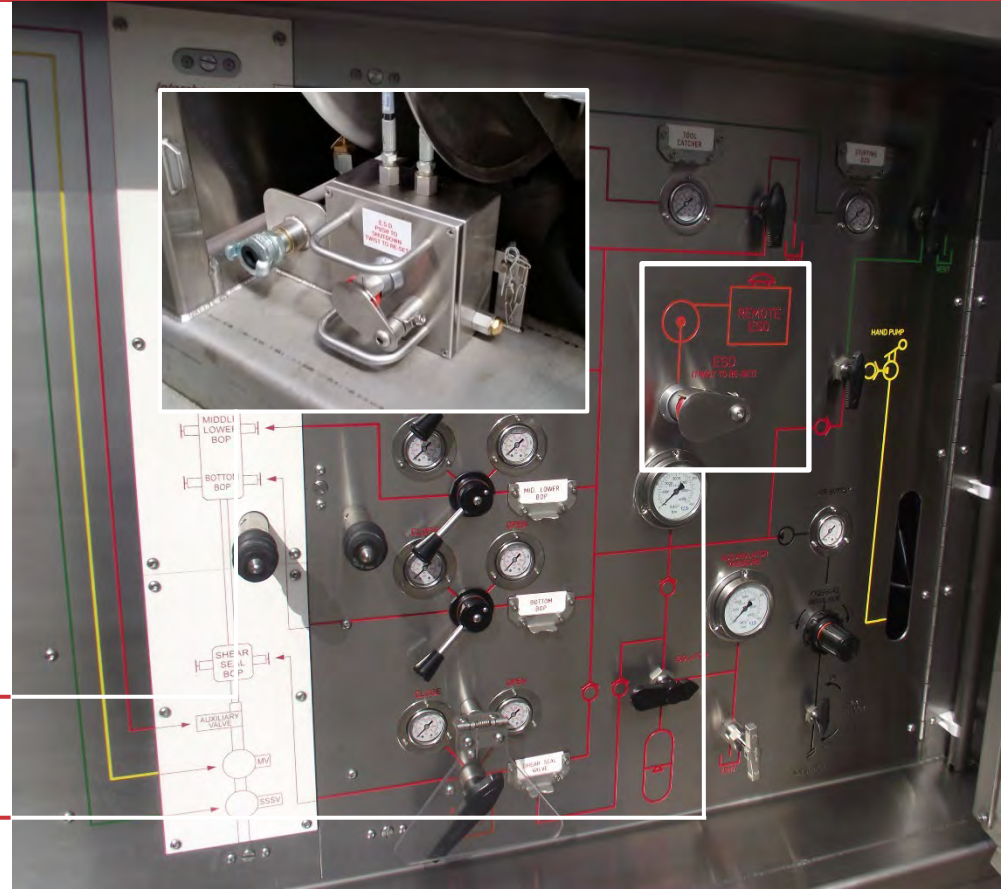
Typically, the BOP Shear Seal, WV, HMV, and SSSV functions are all connected to the built in ESD system.

On pressing the panel mount or remote ESD button the Shear Seal will close instantly. After a pre set time delay the WV and MV will close together. There will then be another time delay between the WV/MV closing and the SSSV closing.

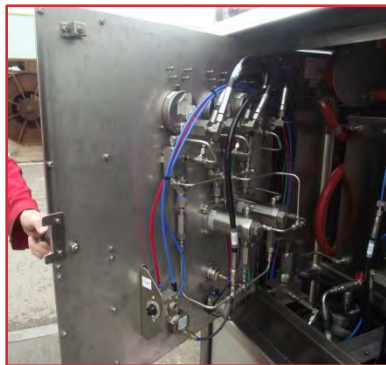
All time delays are fully adjustable between 5 and 60 seconds.

REMOTE ESD TRIGGER

PANEL MOUNTED ESD SYSTEM



Wellhead Control Units | Equipment Deliveries



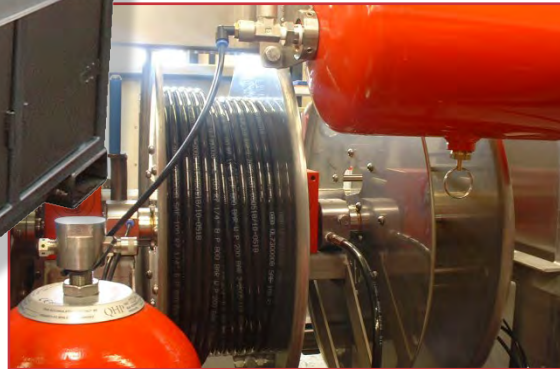
Wellhead Control Units | Equipment Deliveries



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