

**Controls : SCSSV / HMV / PRESSURE TEST / 2 RAM BOP / STUFFING BOX**

**Dimension & Weight :**

Feet : L 4.93 / W 4.27 / H 4.93  
Meters : L 1.50 / W 1.30 / H 1.50  
Weight : 2646 lbs / 1200 kg

**General :**

The Hydraulic Control Unit is light weight, compact design & single piece configuration constructed in steel box section frame works aluminum covers built to BS 12079.

Skid frame has four lifting points for crane handling integral forklift pockets for ground handling.

The Hydraulic Control Unit is designed & constructed to operate surface-control subsurface safety valve, hydraulic master valve, 2 ram BOP, stuffing box & test line.

All the hydraulic tubing & pump assembly can be accessed from rear of the panel for any maintenance.

**Hydraulic System :**

- Tank 1 - SCSSV, HMV & PRESSURE TEST  
20 gallons (75.7 liters)
- Tank 2 - BOP, STUFFING BOX.  
20 gallons (75.7 liters)

SYSTEM	PUMP TYPE	WORKING PRESSURE
SCSSV	AIR/HYDRAULIC	0-10,000 PSI ( 690 BAR )
HMV	AIR/HYDRAULIC	0-6,000 PSI ( 413 BAR )
TWO BOP	AIR/HYDRAULIC	0-5,000 PSI ( 344 BAR )
STUFFING BOX	MANUAL / HYDRAULIC	0-5,000 PSI ( 344 BAR )
TEST LINE	AIR/HYDRAULIC	0-10,000 PSI ( 690 BAR )



**Back-Up Hydraulics :**

Each air driven hydraulic pump is provided with back-up hydraulic manual operated hand pump.

These hand pumps are positioned behind operator control panel and are operated while facing the panel, as the handles are taken out from the slots on panel.

**Warning System :**

Warning system is audible and give operator to be alert if hydraulic or air pressure drops below the preset levels. On the SCSSV and HMV and one on the air supply.

**Emergency Shut Down :**

When emergency shut down button is activated, the hydraulic pressure on the SCSSV & HMV is released back into reservoir.

Lift flap turn cover over the button prevents accidental shut down.

**Options :**

- Remote Controlled ESD System.

**Skid Build Options :**

- Carbon Steel
- Aluminum.

**Painting :**

All steel materials are sandblasted to Sa 2 1/2, inorganic zinc primer coated and all aluminum materials are primed, painted to customer supplied color code with single stage Jotun paint products.