

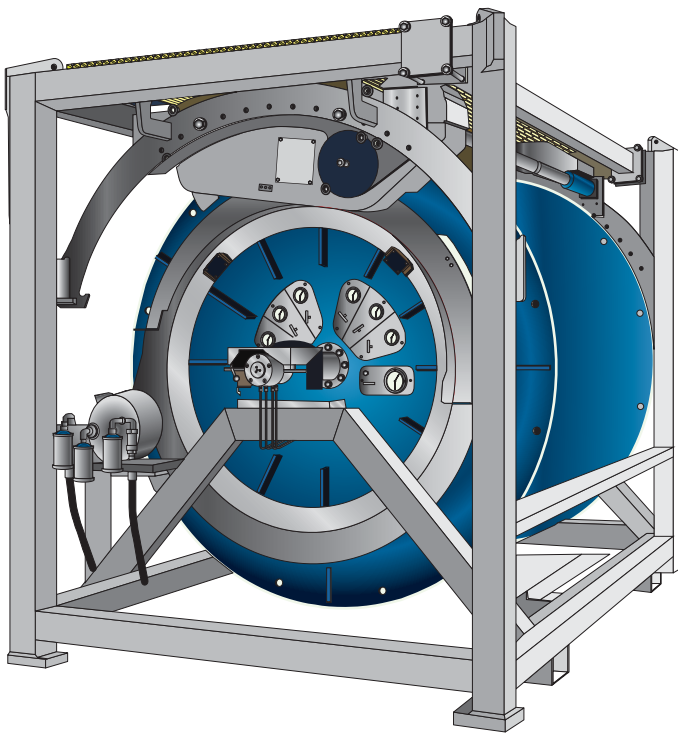
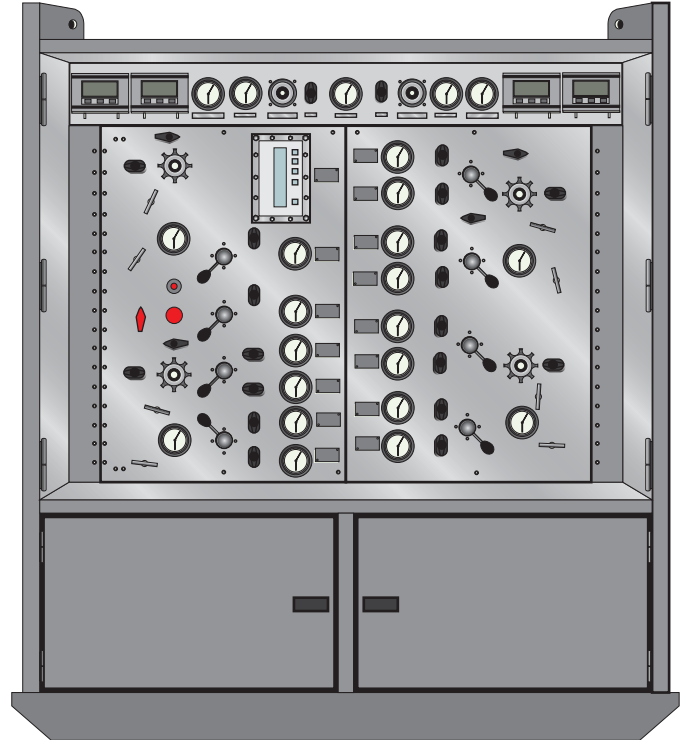
Surface Control Panel

The SST DH Control System allows direct hydraulic control of all surface and subsea functions of the LSA. The system is air powered and has full pump redundancy. A separate accumulator pack is utilized to ensure rapid response times of as little as 120s in water depths up to 6,500 ft.

The SST DH Control System is configurable with up to 18 control functions and has two circuits, one for all subsea functions and one for all surface functions. A total of four flow meters and totalizers are provided for function verification. The Subsea control functions include all interlocks as required by ISO 13628-7. Surface control functions also include choke control and monitoring, Production Wing Valve ESD control and ESD Valve control. An interface is provided for use with the rig air ESD system, and a low air pressure alarm system is also incorporated.

The SST DH Control System interfaces with all SST spooling units and can also be used with the SST DP POD System for use on Dynamically Positioned vessels to provide a 30s Subsea ESD sequence in water depth to 12,000 ft.

The SST DH Control System is DNV OS-E101, DNV 2.7-1 Certified and CE Marked.



LSA Spooler

SST Spooling units are provided for both the Lubricator Valve and the LSA. The LV Spooling Units are designed to hold up to 650 ft of LV Umbilical while our standard LSA Spooling Units hold up to 6,500 ft of our conventional umbilical and 12,000 ft of our deep water umbilical systems.

All Spooling units are DNV 2.7-1 certified and CE marked.