

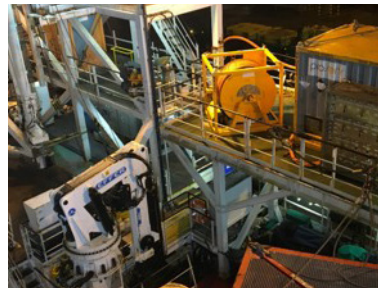
Pneumatically Operated Umbilical Mini-Reeler

The pneumatically operated umbilical mini-reeler is designed to handle smaller umbilicals up to eight cores, dependant on outer diameter of the umbilical. Its small footprint and ease of operation allows operation of the reeler where space is at a premium. Commonly used for Xmas tree running and pressure testing duties, the mini reeler can be quickly mobilised, including high pressure hydrostatic testing and fill/flushing of client specified fluid to SAE 4059 Rev. E Class 6B-F.

The motor drives the system and contains an automatic brake. All input air is filtered and lubricated as well as being regulated to the correct pressure. A lever operated joystick (directional control valve) is located on the

control panel in the frame on the side of the drum to operate the speed and direction of the motor. A locking pin is also situated on the side of the frame to stop the drum rotating during transportation should the brake fail. The locking pin is primarily a safety device.

The HP system is designed to operate at 10,000 psi (690 bar) and consists of up to eight inlets from an external source and up to eight outlet connections. The inlet connections are supplied from four JIC bulkhead fittings and are connected directly to the umbilical on the rear of the kidney panel. Up to six of the bulkhead outlets have a pressure gauge and a two way needle valve to provide lock-in facility.



Technical details

Output capacity		Dimensions	1,810 x 1,600 x 1,840 mm
High pressure system	10,000 psi (690 bar) MWP	Tare weight	1,500 kg
Compressed air input		SWL weight	2,500 kg
Minimum volume	60 cfm	Gross weight	4,000 kg
Maximum pressure	16 bar (232 psi)	Suitable for both water based glycol and light oil based hydraulic fluid types with kinematic viscosity <15 cSt @ 40°C	