

MINI-REEL SYSTEM



General Information

The Mini-Reel System is used on operations subsea where hydraulic operations or pumping of fluids are required. Typical applications are locking/unlocking of subsea connectors, operating subsea tooling, pumping of MEG / corrosion inhibitor and acid cleaning of wellheads.

The mini-reel is a compact design allowing for easy handling and placement in limited space areas on any offshore vessel. The mini-reel has integrated HPU and HP swivel system allowing running the control lines pressurized (limited to 50bar). All reels may be powered by air or electricity (work in artic conditions).

The standard reel systems can be supplied in the following configurations:

MINI-REEL TYPE DESIGN	CONTROL LINE CONFIGURATION	REEL UMBILICAL CAPACITY (m)	MAX WORK PRESSURE (psi)	SIZE (L x B x H) (mm)	WEIGHT (Kg)
Single line	1/2"	600	3,000	1665x1700x1695	2000
Single line	3/8"	600 - 700	10,000	2050x1300x1700	2000
Dual line	2 x 3/8"	300 - 400	10,000	2050x1300x1700	2000
Tripple line	3 x 3/8"	200 - 300	10,000	1800x2100x1900	4000
4-5 core umbilical	4x1/4", 1x3/8"	550	10,000	1800x2100x1900	4000

Note: Other configurations (umbilical size, length, pressure rating) can also be delivered based on customer requirements.

Technical Specifications

Scope of Supply

- Mini-reel with Integrated HPU
- Clamps for attachment of umbilical to guide wire
- Umbilical sheave
- Optional supply:
 - Hotstab with park, test and flush stand
 - Remote controls
 - Hydraulic fluid transfer pumps
 - Digital portable pressure recorders
 - Accumulator skid for "boosting" fluid flow rate
 - Tarpaulin reel cover
 - Flow meter

Operational / Cost Benefit

- Compact, low weight design
- Easy spotting and storage on the vessel
- Can be delivered in several configurations
- Quick and easy hook up and operation

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