

# Drilling Support Equipment

## Key Advantages

Cost Effective and Pioneering Technology

One-Stop Turn-key Solution

## Cost Effective and Pioneering Technology

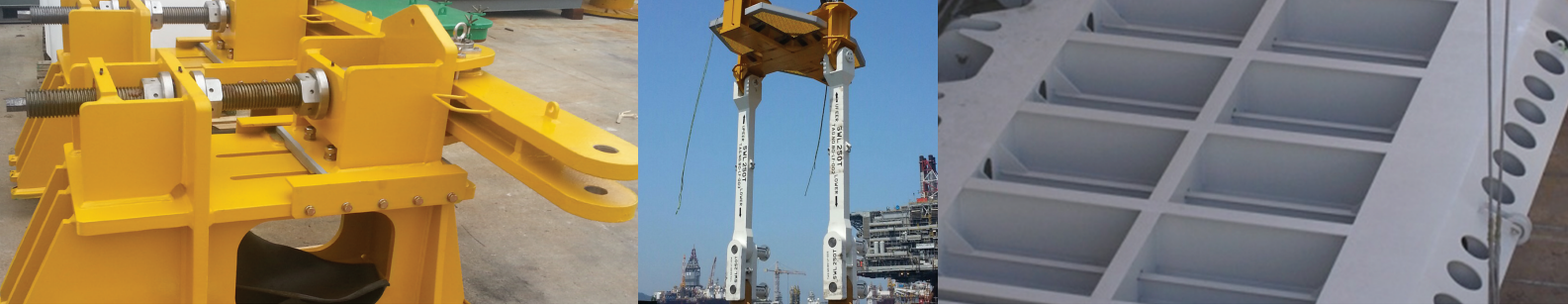
SEBOTECH is the first and only company in KOREA to have developed and successfully supplied BOP Spider Beam and Test Stump. Our extensive research and testing has enabled us to acquire good understanding of the drilling work in order to provide the most value added solution to our customers.

## Item List

Item	Description
BOP Spider Beam	To protect BOP equip. from impact between ship and BOP, when BOP is installed on the seabed or retrieved.
BOP Test Stump	Used for pressure test of BOP
BOP Sea Fastening	To store BOP equip. when it is not used.
BOP Lifting Frame	Used to lift a BOP equip.
Moonpool Damping Device	Prevents the consumption of more fuel due to low speed of the ships caused by the waves in the moonpool.

## Regulations & Standards

Codes & Standards	Number	Description
NORSOK	S-002 :ed 2004	Working Environment for Safety
NORSOK	M-101 :ed 2000	Aluminum Structure Fabrication
ISO	15614-1 :ed 2004	Welding Procedure
EN	10204 :ed 2004	Material Certification Scheme
Class Regulation	DNV.GL-OS-C401 :ed 2015	Welding Procedure
Owner's standards	SONGA, STATOIL, DONG ENERGY, TOTAL, CHEVRON	



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## One-Stop Turn-Key Solution

We have the ability and experience to perform Engineering, Procurement, Fabrication and Installation.

### Work Scope

Scope	Service	Material Solution	Assembly Solution	Turn Key Solution	Note
Engineering & Design		●	●	●	Provide design, analysis, shop drawings
Material Procurement		●	●	●	Provide parts and materials
Fabrication		●	●	●	Provide fabrication
Installation		–	–	●	Execute installation
Project Management			●		Provide customer integrated project management

### Reference List

Item	Project No.	Owner	Ship Type	Class	Supply Scope
Moonpool Cover	3031/32/34/35	SONGA	SEMI-SUBMERSIBLE RIG	DNV.GL	Assembly Solution
Moon pool Flap	3402	HEEREMA	PIPELAY VESSEL	LR	Assembly Solution
Test Stump Handler	3507/08/09/10	TRANSOCEAN	DRILL SHIP	DNV.GL	Assembly Solution
Bop Guiding Spider Beam	3609/10	ODEBRECHT	DRILL SHIP	DNV.GL	Assembly Solution
Bop Lifting Frame and Link	3614/17/19/22	ATWOOD	DRILL SHIP	DNV.GL	Assembly Solution
Bop Sea Fastening Device	3614/17/19/22	ATWOOD	DRILL SHIP	DNV.GL	Assembly Solution

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