

AME SUPER BAILS™

350 - 500 t

The next evolution in offshore elevator links is now here.

AME SUPER BAILS™ are the simplest solution for compensator lock up requiring no rig crew intervention for activation or recovery. **AME SUPER BAILS™** are a passive compensation system that acts as a backup system to the rig crown mounted compensator or active heave draw works.

AME SUPER BAILS™ are self contained units that replace standard 50ft Elevator Links during offshore completions. **AME SUPER BAILS™** rig up procedure is similar to that of standard elevator links and therefore standard operation for rig crews.

AME SUPER BAILS™ offer complete protection for locked to bottom operations on floating MODU's. By providing compensation for over tension and also under tension situations, the **AME SUPER BAILS™** protect the riser/string from over tension and buckling by keeping the riser/string in tension at all times.

SPECIFICATIONS:

- **DESIGN:** - API-8C, ISO 13628-7 & DNV-OS-E101 compliant.
- **LOAD RATING:** 350 or 500t with minimal changeover time.
- **HEAVE STROKE:** 12ft extension & 12ft retraction.
- **RIG SERVICES REQUIRED:** No rig services required.
- **PCE & EQUIPMENT INTERFACES:**
 - AME 350 or 500t Tension Lift Frame (TLF).
 - 3rd Party Coiled Tubing.
 - 3rd Party Wire line / E-Line.
 - 3rd Party Slick line.
 - 3rd Party Surface Flowhead (SFH/SFT).
- **TRANSPORTATION:** Supplied with custom DNV 2.7-3 certified baskets
- **MONITORING:** Wireless system monitoring, including alarms, can be provided in the Drillers shack.

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SYSTEM OVERVIEW:

- **RISER/STRING PROTECTION:**
 - Over Tension - Protection against tension failure - 12ft extension.
 - Under Tension - Protection against buckling or compression failure - 12ft retraction.
 - Complex and bulky dolly guide frames are not required to support the string from buckling.
- **MODULAR DESIGN:**
 - Allows operation as either 350 or 500 ton system with exchange of only the end connections. Utilising standard elevator link ends allows the **AME SUPER BAILS™** to interface with all standard drilling equipment.
 - Individual units simplify transport and handling into drill floor and derrick.
 - Optional integrated platforms to access the BOP and Pressure Control Equipment (PCE) minimise personnel fatigue by reducing exposure to extended man riding operations.
- **TRANSPORTATION:**
 - Offshore - **AME SUPER BAILS™** retract to 39ft for transport to allow units to be shipped offshore in a custom DNV 2.7-3 certified baskets.
 - International/Global - **AME SUPER BAILS™** can be disassembled for air or sea freight in a standard 20ft shipping container or crates with minimal reassembly and testing required.
- **SIMPLICITY:**
 - **AME SUPER BAILS™** passive based system with no operating valves minimises the failure modes and ensures the system is always available to compensate.
 - **AME SUPER BAILS™** are a fully passive system and will compensate instantaneously without operator intervention or reliance on sensors or complex valving.
 - **AME SUPER BAILS™** are self contained and do not require external accumulators or HPUs and therefore no high pressure lines hanging in the derrick.
 - **AME SUPER BAILS™** slim line design avoids hang ups with tugger and hoist lines.
- **OPERATION & INTERVENTION:**
 - Rig up and Overpull - **AME SUPER BAILS™** have an internal mechanical rod lock to allow overpull testing of the completions and landing strings without extension of the bail. The lock allows for over pull loads up to full system capacity of 350 or 500 ton. External visual indicators show both the locked and un-locked positions.
 - Operation - Once the rod lock is deactivated remotely, the **AME SUPER BAILS™** are in operation. No other operations required.
 - Activation - If a compensator lockup occurs, no intervention is required. The **AME SUPER BAILS™** will instantly provide protection without the need for sensors or valving to activate and allow compensation. No driller intervention is required to move the TDS or manually compensate.
 - Recovery - The **AME SUPER BAILS™** do not require any reset or intervention to go back to full operating mode when the rig system recovers.

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