

## AME TENSION LIFT FRAME

### 350 - 500 t

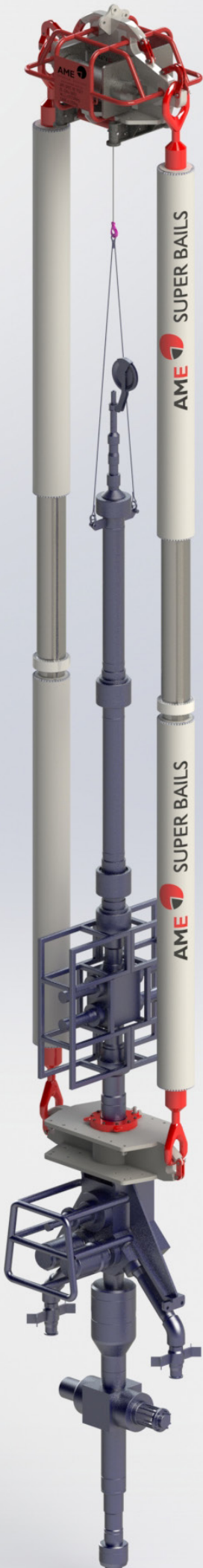
**AME** Tension Lift Frames (TLF) provide a modular solution to Pressure Control Equipment (PCE) rigup during completions, flowback, well intervention and abandonment. They can be used with any type of PCE requiring greater clearance and access than can be provided with standard elevators.

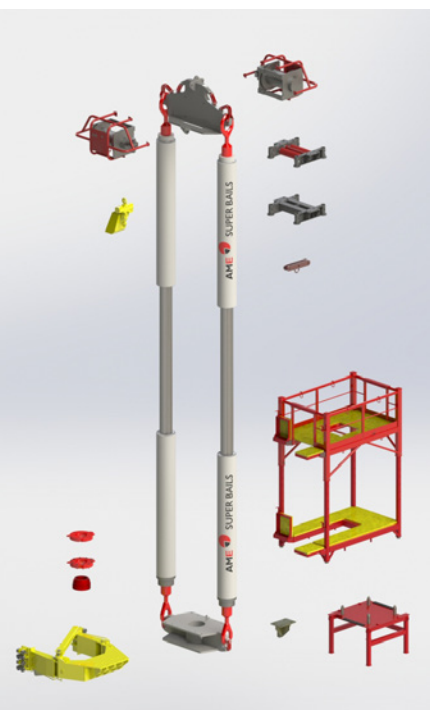
The TLF allows a wide (up to 2m [78"]) working window between the elevator links (bails) for various PCE such as:

- Slickline
- Wireline
- E-Line
- Coiled Tubing

Available in both the 350 ton and 500 ton variants, the **AME** Tension Lift Frame system is comprised of an Upper Spreader Beam & Lower Spreader Beam, along with a variety of modular and optional components. These include:

- PCE work platform for safer access to PCE for extended operations.
- 2x high speed hydraulic hoists complete with remote control panel and zone rated HPU- 5,000kg WLL (each) - 65 fpm (20m/min) max line speed.
- Various air operated chain hoists.
- 12Te & 17Te hang off points on the Upper Spreader Beam for PCE rigging & hoists.
- Support table for simplified and safer rigup.
- Dolly Guide Frame to laterally support the riser in the event of loss of tension.
- Various sized collars to interface with different Surface Flowheads and risers
- Anti-rotation Bracket for Surface Flowhead





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### SPECIFICATIONS:

- **DESIGN:** Designed in accordance with API-8C.
- **LOAD RATING:** 350 or 500t.
- **RIG SERVICES REQUIRED:** 6 bar compressed air for air hoist. 460VAC, 3-PHASE +E, 60Hz for Hydraulic Hoists (if installed)
- **PCE & EQUIPMENT INTERFACES:**
  - Standard elevator links
  - **AME SUPER BAILS**™
  - 3rd Party Coiled Tubing.
  - 3rd Party Wire line / E-Line.
  - 3rd Party Slick line.
  - 3rd Party Surface Flowhead (SFH/SFT).

### SYSTEM OVERVIEW:

- **MODULAR DESIGN:**
  - Allows addition or removal of components depending on specific campaign or well requirements.
  - 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:**
  - **AME** Tension Lift Frames beams can be transported in a standard 10' DnV 2.7-1 half height.
  - Additional components also utilise standard baskets for shipping.
- **INSTALLATION & RIGUP:**
  - **AME** Tension Lift Frames are simple to rigup, minimising critical rig time.
  - **AME** has extensive experience in planning and overseeing offshore rigup of Tension Lift Frames, Surface Flowheads and PCE. **AME** can assist an operator by streamlining the rigup and rigdown of equipment saving critical path rig time and carrying the operations out safely and efficiently the first time.

### AME Pty Ltd

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