

### Installation Instructions for Floor Installation

- (1) Move the unit to the usage area, insuring the floor is clean and level. If slings are used, encircle the entire unit (not just the platform).
- (2) Jog the motor unit with the push button station in very short jogs, to check if the unit will raise. On 3 Phase systems, 2 of the 3 power leads may have to be switched so the pump will turn the proper direction. Caution-continued operation of a reversed direction hydraulic pump for approximately 30 seconds can burn up a pump, so use short jogs.
- (3) Raise the unit halfway several times, fully lower, holding down button an extra 10 seconds each time when the unit is fully lowered to purge air from the cylinders. Check the reservoir oil level with equipment fully lowered, and "top off" to 1" from the top of the reservoir. Note that oil should completely fill the clear suction line hose at all times.
- (4) Check that the unit is level, and if not, shim and grout under the base frame continuously. Lag the base frame in place using 1/2"x5" long Rawl-Studs, Wedge Anchors or equivalent. 1"x9" long studs, to be used for 90 degree tilt.
- (5) Clean up any debris or spilled fluid as this may later be misinterpreted as mechanical trouble or a cylinder leak.
- (6) Instruct user(s) in the unit's proper operation, safety precautions, and equipment capacity. Supply maintenance personnel with this service manual.
- (7) With unit fully lowered check if reservoir fluid is within 1" of top of the reservoir.

Turntables: If a unit is equipped with a turntable and any portion of the turntable can swing outside the base frame footprint-then the lift must be lagged securely!

## INSTALLATION OF TILT TABLES, 45 DEGREE TILT

Tilt Tables, (installed on lifts or free standing) must be securely lagged to the concrete floor. Recommended are 5/8" diameter x 6" lg Rawl Studs or equivalent, minimum 4-1/2" deep concrete embedment. Failure to lag the tilt table down can cause the entire unit to tip over if the center of gravity of the load crosses over the center line of the pivot pin.

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## INSTALLATION OF TILT TABLES, 90 DEGREE TILT (UP-ENDER)

Tilt tables, (installed on lifts or free standing) must be securely lagged to the concrete floor. Recommended are 1" diameter x 9" lag Rawl Studs or equivalent, minimum 4-1/2" deep concrete embedment. Failure to lag the tilt table down can cause the entire unit to tip over if the center of gravity of the load crosses over the center line of the pivot point.

NOTE: 10,000 lb. capacity Up-Ender (UE-1090) must be lagged down at a quantity of (8) places.