The following is a non-comprehensive list of items suggested for installing the LodeArm® 4500L. It is the installer’s responsibility to understand the installation process and tools required prior to performing the work.

**WRENCHES AND SOCKETS**
- 1/8" HEX: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" HEX: HAMMER DRILL
- 5/16" HEX: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 9/16" HEX: ALLEN HEX: 5/8" CONCRETE BIT
- 7/8" HEX: ALLEN HEX: DRILL
- 13/16" HEX: ALLEN HEX: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 5/8" ALLEN HEX: ALLEN HEX: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 7/8" ALLEN HEX: ALLEN HEX: 15/16 HEX: HOSE BARB
- 11/16" ALLEN HEX: ALLEN HEX: 13/16 HEX: DRILL BIT FOR ROTATION STOP CLAMP SET SCREW
- 1/2" ALLEN HEX: ALLEN HEX: 3/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 3/8" ALLEN HEX: ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 5/8" ALLEN HEX: ALLEN HEX: 3/8" ALLEN HEX: HOSE FITTING
- 7/8" ALLEN HEX: ALLEN HEX: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" ALLEN HEX: ALLEN HEX: 3/8" ALLEN HEX: HOSE FITTING
- 5/16" ALLEN HEX: ALLEN HEX: 3/8" ALLEN HEX: HOSE FITTING
- 3/16" ALLEN HEX: ALLEN HEX: 3/8" ALLEN HEX: HOSE FITTING

**C-CLAMPS**
- 1/2" C-CLAMPS: LAYOUT PRINT & TAPE MEASURE
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 1/2" C-CLAMPS: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 1/2" C-CLAMPS: 15/16 HEX: HOSE BARB
- 1/2" C-CLAMPS: 13/16 HEX: DRILL BIT FOR ROTATION STOP
- 1/2" C-CLAMPS: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" C-CLAMPS: 3/8" ALLEN HEX: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING

**TORQUE WRENCH**
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 1/2" C-CLAMPS: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 1/2" C-CLAMPS: 15/16 HEX: HOSE BARB
- 1/2" C-CLAMPS: 13/16 HEX: DRILL BIT FOR ROTATION STOP
- 1/2" C-CLAMPS: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" C-CLAMPS: 3/8" ALLEN HEX: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING

**T-SLOTS, VERTICALLY AND HORIZONTALLY**
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 1/2" C-CLAMPS: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 1/2" C-CLAMPS: 15/16 HEX: HOSE BARB
- 1/2" C-CLAMPS: 13/16 HEX: DRILL BIT FOR ROTATION STOP
- 1/2" C-CLAMPS: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" C-CLAMPS: 3/8" ALLEN HEX: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING

**PLUMBING TOOLS**
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 1/2" C-CLAMPS: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 1/2" C-CLAMPS: 15/16 HEX: HOSE BARB
- 1/2" C-CLAMPS: 13/16 HEX: DRILL BIT FOR ROTATION STOP
- 1/2" C-CLAMPS: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" C-CLAMPS: 3/8" ALLEN HEX: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING

**ELECTRICAL TOOLS**
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 1/2" C-CLAMPS: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 1/2" C-CLAMPS: 15/16 HEX: HOSE BARB
- 1/2" C-CLAMPS: 13/16 HEX: DRILL BIT FOR ROTATION STOP
- 1/2" C-CLAMPS: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" C-CLAMPS: 3/8" ALLEN HEX: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING

**TOOLING**
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL
- 1/2" C-CLAMPS: VACUUM TO CLEAR ANCHOR BOLT HOLES
- 1/2" C-CLAMPS: 15/16 HEX: HOSE BARB
- 1/2" C-CLAMPS: 13/16 HEX: DRILL BIT FOR ROTATION STOP
- 1/2" C-CLAMPS: 5/8" ALLEN HEX: 1/2" HEX: HAMMER DRILL
- 1/2" C-CLAMPS: 3/8" ALLEN HEX: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING
- 1/2" C-CLAMPS: HOSE FITTING

**ALIGNMENT BOLTS TO HELP ALIGN**
- 1/2" C-CLAMPS: MACHINIST LEVEL & BUBBLE LEVEL
- 1/2" C-CLAMPS: ALLEN HEX: BANDING SHEAR FOR PALLETT DISASSEMBLY
- 1/2" C-CLAMPS: 5/8" CONCRETE BIT
- 1/2" C-CLAMPS: DRILL
- 1/2" C-CLAMPS: 3/4-10 EYE BOLTS FOR LIFTING PEDESTAL