

## DC DECK-LIFT VERTICAL PLATFORM LIFT TECHNICAL SPECIFICATIONS

**RATED LOAD:** 750 LBS MAXIMUM, TWO (2) PASSENGERS

**POWER SOURCE:** DC BATTERY – TWO RECHARGEABLE SEALED 12VDC, 21 AH BATTERIES TRICKLE CHARGED BY 110 VOLTS AC, 1.5 AH OR 3AH (DEPENDING ON OPTIONS) CONTINUOUS CHARGER. 16 GAUGE 20' EXTENSION CORD

**DRIVE:** 24 VOLT DC MOTOR, 3/4 HP INTERMITTENT DUTY, 1750 RPM

**GUIDE MECHANISM:** 2-1/2" SQ HSS RAIL WELDED TO TOWER, GUIDED USING NYLATRON ROLLERS WITH ROLLER BEARINGS

**INTERMEDIATE REDUCTION:** (MOTOR & PULLEY) "B" STYLE POLY-V BELT, 7:1 REDUCTION

**FINAL DRIVE:** 1.00" ACME LEAD SCREW WITH 5 THREADS PER INCH, NYLATRON DRIVE NUT, STEEL BACK-UP NUT AND MANUAL LOWERING / RAISING DEVICE USING COMMON 7/8" HEX SOCKET

**MOTOR CONTROLLER:** 24 VOLT DC RELAY LOGIC CONTROLLER

**REMOTE CONTROL:** OPTIONAL CALL AND SEND CONTROLS. MOMENTARY SWITCHING REQUIRES USER TO CONTINUOUSLY HOLD BUTTON TO CONTROL UNIT.

**STANDARD CONTROL:** TWO (2) POSITION, KEY SELECTOR SWITCH REQUIRES USER TO TURN UNIT "ON" AND "OFF". TWO (2) POSITION, MOMENTARY PUSH BUTTONS REQUIRES USER TO CONTINUOUSLY HOLD BUTTON TO CONTROL UNIT. TWO (2) POSITION EMERGENCY STOP BUTTON ALLOWS USER TO STOP THE LIFT IN AN EMERGENCY SITUATION. KEY SELECTOR SWITCH, EMERGENCY STOP BUTTON AND PUSH BUTTONS MOUNTED IN SIDEWALL OF LIFT.

**MOUNT:** EITHER SIDE, THE UNIT IS EASILY REVERSIBLE FOR LEFT OR RIGHT SIDE INSTALLATION.

**SUPPORTS:** UNIT IS SELF SUPPORTING, CONCRETE LAGS SECURE UNIT AT BASE OF TOWER

**SPEED:** 7 FEET PER MINUTE NOMINAL AT FULL LOAD, UP AND DOWN

**PLATFORM:** 33-1/2" X 54" I.D. NOMINAL STANDARD WITH NON-SKID SURFACE.

**SAFETY EQUIPMENT:**

- AUTOMATIC FOLDING ALUMINUM ACCESS RAMP
- UNDER-PLATFORM SAFETY SENSORS
- 42" HIGH PROTECTIVE SIDEWALLS
- BACK-UP NUT SAFETY SWITCH
- FINAL LIMIT SWITCH
- KEY CONTROLLED ACCESS

**FINISH:** DURABLE TEXTURED COPPER HAMMERTONE POWDER COAT

