



Mac's Lift Gate Inc.

## **Mac's PSL-50 Portable Stage Lift Technical Specifications**

*MODEL:* PSL-50 Portable Stage Lift

*RATED LOAD:* 600 lbs maximum

*NUMBER OF PASSENGERS:* 1 passenger with mobility equipment

*DRIVE:* DC Powered lift: ½ hp instant reverse motor

*INTERMEDIATE REDUCTION:* V belts and pulley

*FINAL DRIVE:* #50 chain

*MOTOR CONTROLLER:* 24 VAC, 2 contactors; 1 up and 1 down

*STANDARD CONTROL:* Constant pressure paddle control with key switch

*SPEED:* 8 feet per minute

*LIFTING HEIGHT:* Model PSL-500 has a 50" maximum lifting height

*MAIN FRAME CONSTRUCTION:* Formed steel welded construction

*CARRIAGE CONSTRUCTION:* Steel tubing and formed channel welded construction

*PLATFORM CONSTRUCTION:* 1" steel tubing with sheet aluminum for side walls

*AUTOMATIC LOWER RAMP:* 12" automatic lowering ramp

*AUTOMATIC LOWER RAMP:* 4" automatic lowering ramp stage side

*MANUAL LOWERING DEVICE:* Standard. Manual hand crank to lower device.

*FINISH:* Exterior grade powder coat paint, sandblast and primer.

*LIMIT SWITCHES:* Adjustable upper final limit switch.

*WEIGHT OF UNIT:* Model PSL-50 Portable Stage Lift: 450 lbs

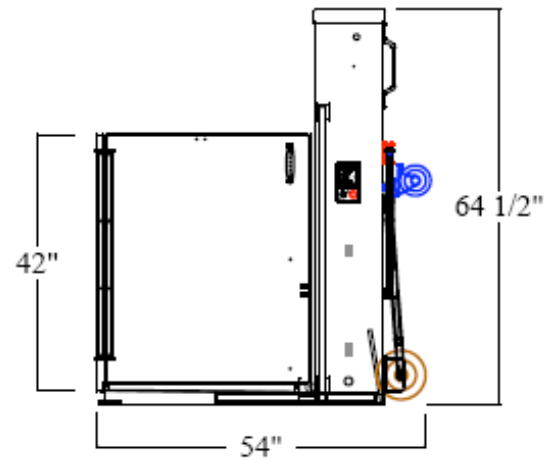
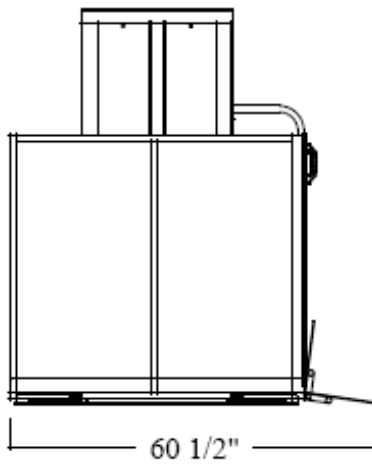
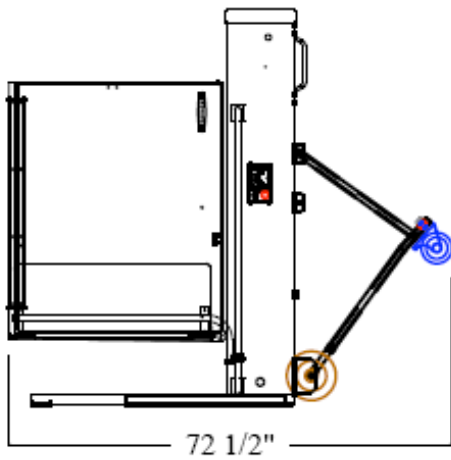
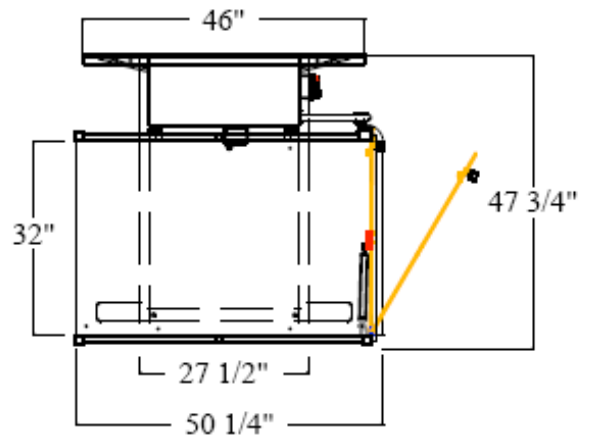
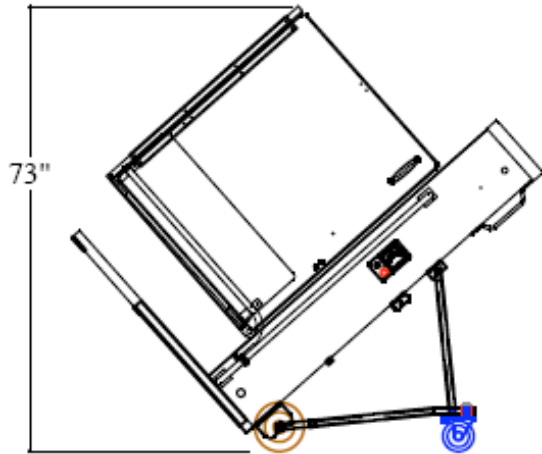
### *TESTING PERFORMED:*

- 1) Life cycle test performed at manufacturer's location. Maximum load ran continuously, one time per minute (60 times per hour) up and down for 6 months straight. Over 20 years of daily use without any failure or maintenance required.
- 2) ASME A17.1 code tests performed at manufacturer's location



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