

# AMERICAN CRESCENT ELEVATOR

**General:** All work under this heading shall be in strict adherence with these specifications and with ANSI A17.1, Part 25. Elevator Safety Code. Equipment shall be furnished by American Crescent Elevator Mfg. Corp.

**Furnish and install one ACE roped Hydraulic Elevator:**

Capacity 1400 lbs.

Speed: 30 fpm.

Travel: \_\_\_ft.-\_\_\_in.

Landings Served: \_\_\_openings at front \_\_\_Rear.

Power Supply: 230 volt—single phase—60 Hz.

Car: \_\_\_" wide x \_\_\_" deep x 84" high.

Cab to be: Traditional

The car shall be supported by a structural steel sling, furnished with an instantaneous broken rope safety device, guided by four roller guide shoes. One stainless steel handrail, push-button control panel and electric alarm device shall be provided.

**Car Gates or Doors:** For manual operation, one car gate shall be furnished for each car opening extending the full opening height and width. Car gates shall be Alumifold solid panel w/3 perforated center panels.

**Power Unit:** Shall consist of a submersible motor directly coupled to a constant displacement rotary screw pump, oil reservoir, 2-speed control valve and ball valve shut-off. The control valve shall be adjustable, pressure compensating, and include a safety check valve, high pressure relief valve, manual lowering valve and continuous duty solenoids. The Power Unit shall be located adjacent to the hoistway at the lowest landing.

**Guide Rails:** Shall be two steel members with smooth splices, located on one side of the hoistway to accurately guide the car and piston, secured to the hoistway wall by suitable brackets and hardware.

## SPECIFICATIONS FOR LULA ELEVATORS

**Control:** Shall be momentary pressure, Single Automatic call/dispatch type, micro-processor based. The car shall be called via a single "Call" button at each floor, or dispatched from the car station. The car station shall contain labeled pushbuttons for each floor served, and emergency "Stop" button, an "Alarm" button, and a car light switch. Should power to the controller be interrupted, the car may be run via battery power to the next lowest floor. The controller shall be mounted in a steel cabinet with a hinged door in close proximity to the power unit, include a starter sized for the power supply and current draw, and provide overcurrent protection. All electrical safety devices shall directly remove power from the motor.

**Cables:** Shall be two 10mm diameter, 8 x 19 traction steel, each with ultimate strength of 8200 lbs.

**Plunger:** The plunger shall be accurately ground and polished seamless steel. The bottom of the plunger shall be fitted with a heavy steel bulk head welded in place and provided with a suitable extended edge to provide a positive stop.

**Cylinder:** The cylinder shall be machined from steel pipe with a machined flange at the upper end and a heavy steel bulkhead welded in the lower end. Top of cylinder shall be fitted with an air bleeder and return line.

**Door Locks:** Combination unit system contact and lock shall be furnished for each hoistway entrance. Locking device shall prevent elevator operation unless doors are closed and prevent opening of doors when car is not at landing. (G.A.L. type N door locks)

**Hoistway (Work by Others):** A suitable hoistway conforming to local building code. A 220 volt, single phase, 60 Hz. Power terminated in a fused disconnect switch, located adjacent to the elevator controller. A separate 115 volt circuit for car lighting to be supplied. Hoistway entrance doors with suitable latch set. Telephone in car connected to outside exchange.



AMERICAN  
CRESCENT

ELEVATOR MANUFACTURING

## LULA Swing Door Operation



AMERICA'S  
L.U.L.A.  
LIFT

ESTABLISHED 1985

310 STEPHENS ST.

PICAYUNE MS 39466

Toll Free: 800-748-9711

Phone: 601-798-9392 Fax: 601-798-9444

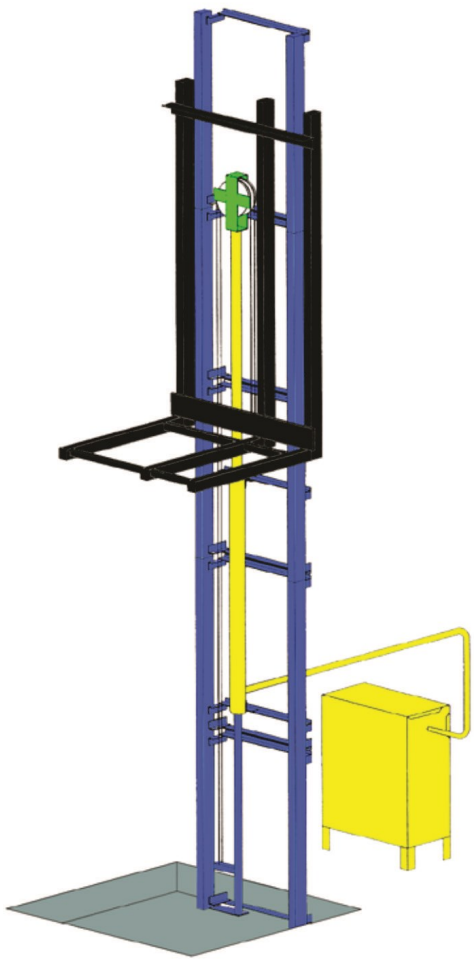
www.americancrescent.com

Standard Features Include:

- \* One year limited warranty
- \* 1400 lb. capacity—18 sq. ft. platform
- \* 2-speed operation with automatic 2-way leveling
- \* 3/4” wood core walls with plastic laminate finish
- \* One 1/2” diameter stainless steel handrail
- \* 1/4” recess for flooring by others
- \* Power unit located adjacent to rails at lowest landing
- \* Microprocessor control with tape selector
- \* Momentary pushbutton operation with Braille
- \* Approved hoistway door interlocks with access key
- \* Instantaneous car safety device
- \* **Emergency battery powered lowering and lighting with alarm**
- \* Electric alarm signal & pushbutton
- \* All signal fixtures and trim to be satin stainless steel
- \* Hoistway access
- \* Alumifold with 3 perforated center panels
- \* Meets or exceeds ANSI A17.1 National Safety Code
- \* **Prewired elevator package**
- \* **Will accept a standard size wheelchair**
- \* Two buffer springs included
- \* Speaker phone
- \* Fire service phase I

Optional Selections:

- \* Custom cab height (maximum 96”)
- \* Additional recessed lighting (two are standard)
- \* Additional stainless steel handrail ( one comes standard)
- \* All perforated Alumifold folding cab door
- \* Power operator(s) for Alumifold cab door
- \* Power operator(s) for swing door
- \* EZ Entry hollow metal hoistway Doors (1 1/2 hr UL Labeled)
- \* Key on/off switch in car or hall
- \* Digital position indicator in car station
- \* Car traveling lantern
- \* Hall lanterns
- \* Fan

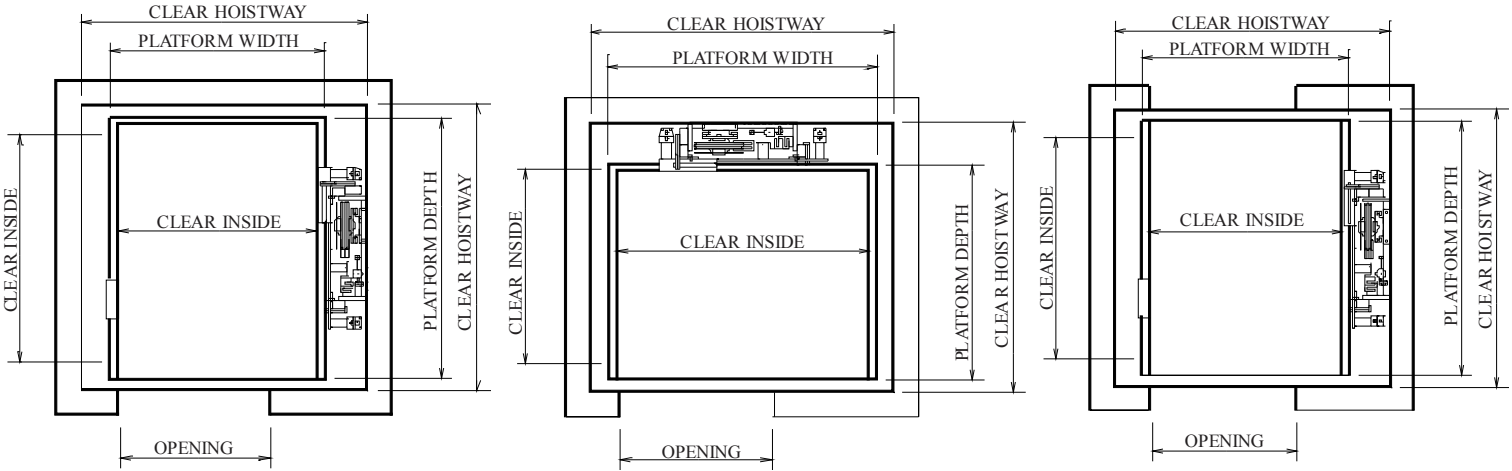


America’s LULA Lift has the convenience of fitting in limited spaces. If you have approximately 30 square feet, our access lift will meet your minimal hoistway requirements. With 18 square feet of clear inside car space you will have ample room for a wheelchair and attendant.

Delivery of our package requires approximately 6 to 8 weeks from receipt of approved submittals. All standard packages will ship pre-wired for quick and easy installation

If we can be of any assistance on your future projects, please do not hesitate to contact Craig Catoire at [cmc@americancrescent.com](mailto:cmc@americancrescent.com) or Ryan Catoire at [rc@americancrescent.com](mailto:rc@americancrescent.com) or by phone at 800-748-9711.

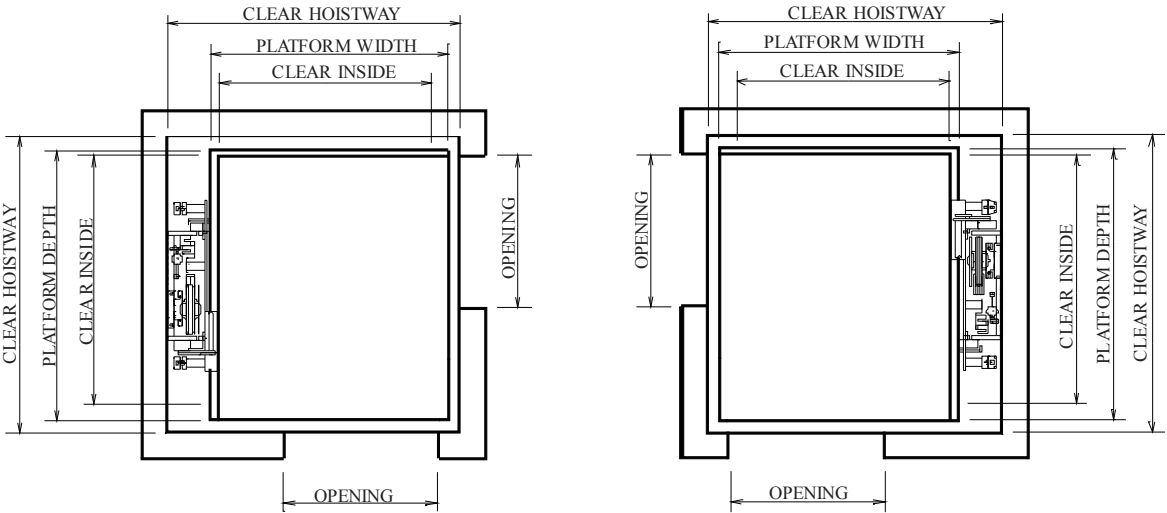
*The convenience and economy of limited use limited access by American Crescent Elevator Mfg.*



In-Line Style A

In-Line Style B

Opposite Style C



Adjacent Right Style D

Adjacent Left Style D

STANDARD HOISTWAY REQUIREMENTS

Style	Clr. Inside	Opening	Hoistway	Platform
A	42" x 60"	36" x 84"	59" x 68"	44" x 65"
A	48" X 54"	36" X 84"	65" X 62"	50" X 59"
B	60" X 42"	36" X 84"	68" X 58"	62" X 47"
B	54" x 48"	36" x 84"	62" x 64"	56" x 53"
C	42" x 60"	36" x 84"	59" x 70"	44" x 68'
C	48" x 54"	36" x 84"	65" x 64'	50" x 62"
D	42" x 60"	36" x 84"	58" x 70"	47" x 65"
D	48" x 54"	36" x 84"	64" x 64"	53" x 59"

Recommended machine room size is 54" x 48"  
(Minimum 42" in front of controller and disconnects)

*All hoistway dimensions shown are for standard folding car gate. Minimum pit depth required is 24". Fo a 7'-0" high cab, a 11'-0" clear overhead is required. For custom cab heights, consult factory for hoistway dimensions*