

American Crescent Elevator Mfg., Corp.

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2003 Standard Elevator Package

Introduction

Selection Process

Standard Features

Optional Features

Architectural Data



"Never Forget"

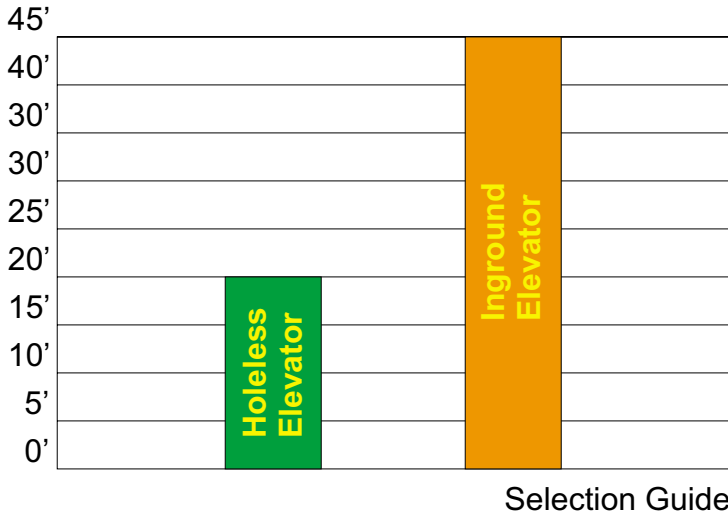
Introduction

American Crescent Elevator Corporation was established in Sept. 1976 when American Elevator (Est. 1908) and Crescent City Elevator (Est. 1973) were merged to form American Crescent Elevator Corporation. In 1985 American Crescent Elevator Manufacturing Corporation was established to provide equipment to distributors on a nation wide basis.

Our equipment is the latest state of the art design and incorporates some of the most trusted and reliable components in the elevator industry. Some of which are, Blaine valves, Allweiler pumps, US Motors, Elevator Controls and Motion Control Eng. which make up the major components of our pump unit and Innovation Ind for fixtures.



Selection Process



Travel under 15':

¹Holeless Elevator typically used. Also for low rise elevators where inground elevator may not be suitable. Example: water front property or hard to drill areas that can make it expensive to drill.

Travel over 15' and less than 45':

Inground Elevator used.

¹ More overhead space is required for holeless elevators. (See Hoistway Requirements) for overhead clearances for holeless elevators.



With your selection, you can rest assured that you are receiving the highest quality product at our lowest possible price. We have designed this package around making sure you can install it in a minimal amount of time out in the field. We have also lightened our package and crating to save you the customer on shipping costs.

The ordering process has been modified to include site data sheets to aid in selection. Inside the site data book you will find all standard size pit details for both the inground and holeless packages. These are all a part of helping you. With this book, communication between yourself, local contractors and architects should be easier.

Standard Features

- * Car Capacity of 2100 lbs
- * Travel included up to 12
- * Speeds up to 100 fpm included
- * Front Opening Only
- * Single Inground Jack Assembly
- * Pit Channels (Inground Jacks only)
- * Pit Switch
- * Buffer Springs (2)
- * Platform (2100 lb, Front Only)
- * Sling Assembly
- * Car Cam
- * Limit Switches (for a 2 Stop)
- * Travel Cable (for travel of 12')
- * Hatch Wire (for a 2 stop)
- * Rail Brackets
- * (4) Swivel Guide Shoes
- * (2) Pipe Stands
- * Selector (for a 2 stop)
- * Guide Rails for travel up to 12'
- * Submersible Pump Unit
- * Muffler
- * Across Line Starter
- * Voltages: 200/208 & 220/240
- * Simplex controller (for a 2 stop)
- * Oil line for M.R. adjacent at lowest level
- * (1) Oil line shut off valve
- * Hall Braille (for a 2 stop)
- * Toe guards and Fascia (front only)
- * 24' of Hatch Duct
- * Car Top Inspection Station
- * (2) 36" Single Speed Entrances (Primed)
- * (2) 36" Single Speed Hatch Doors (Primed)
- * (2) Entrance Sill Supports
- * Cab Assembly (flush wall laminate finish)
- * (1) Car Sill (Extruded Aluminum)
- * (1) 36" Car Door Primed
- * **(1) Set of Infrared Detectors**
- * (1) Stainless Steel Handrail 2"x 3/8"
- * Aluminum Eggcrate Ceiling (Painted Frame)
- * Car Station (Stn/Stl, with **handsfree phone**)
- * Car Position Indicator
- * Car Braille and Capacity Plate
- * Emergency Light
- * (2) Terminal Hall Stations (Stn/Stl)
- * (1) Car Traveling Lantern
- * (1) Door Operator
- * (2) Hatch Door Equipment
- * (2) Entrance Sills (Extruded Aluminum)

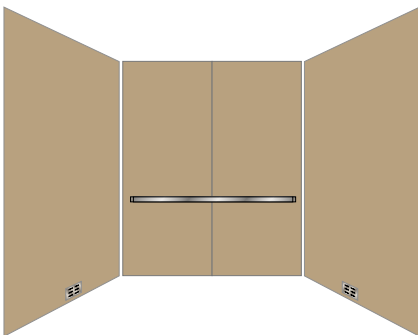


Optional Features

- 3 Stop Package (up to 24' of travel)
- 4 Stop Package (up to 36' of travel)
- 2500 lb capacity (Includes larger equipment, 42" openings)
- 2000 Code Compliant
- Speed up to 125 FPM
- Holeless Package
- Multiple Piece Jack
- Voltage 440/480
- Wye Delta Start
- Battery Emergency Lowering
- Pressure Switch
- Tank Heater
- Overspeed Valve
- Painted Entrance Frames
- Brushed Stainless Steel Entrance Frames
- Painted Entrance Doors
- Brushed Stainless Steel Entrance Doors
- Plastic Laminate Entrance Doors
- Drywall Entrance Frames
- Rear Toe Guard and Fascia
- Painted Car Door
- Plastic Laminate Car Door
- Brushed Stainless Steel Car Door
- Non Typical Cab Laminate (*Other than Mfg Standard*)
- Pad Hooks
- Protective Pads
- Additional Brushed Stainless Steel Handrails 2" x 3/8"
- Raised Panel Walls
- Removable Raised Panels
- Special Fire Service Key Switch (e.g. NYC, MA, CT, NH, ME, SC)
- Vandal Proof Buttons
- Digital Car Position Indicator (*In Return*)
- Mass EMT
- Inspection Key Switch
- Hoistway Access Key Switches
- On-Off Key Switches Rem. in 2 Position in Hall Stations
- Hall Lanterns
- Multi-Light Hall Position Indicator
- Digital Hall Position Indicator

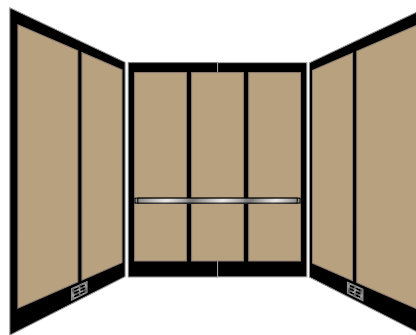


Cab Models / Finishes



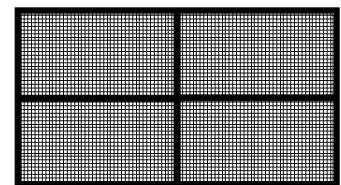
Standard: Flush Wall Construction with plastic laminate from mfg standard color chart

Shown with handrail on rear wall.



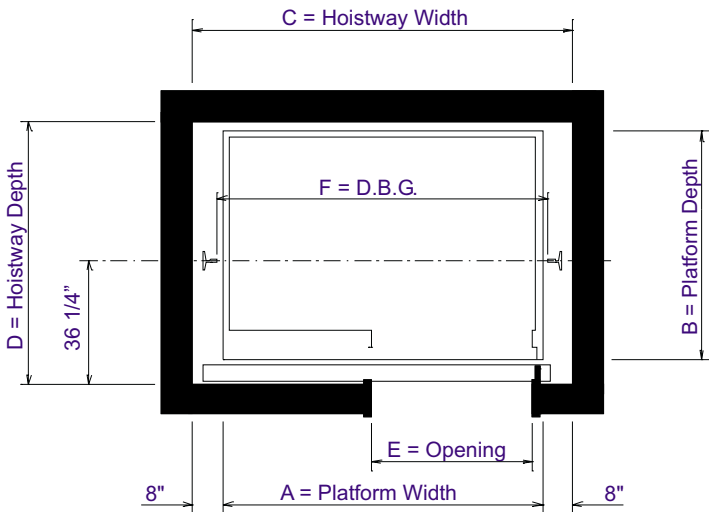
Optional: Applied raised panels with plastic laminate from mfg standard color chart

Shown with handrail on rear wall.

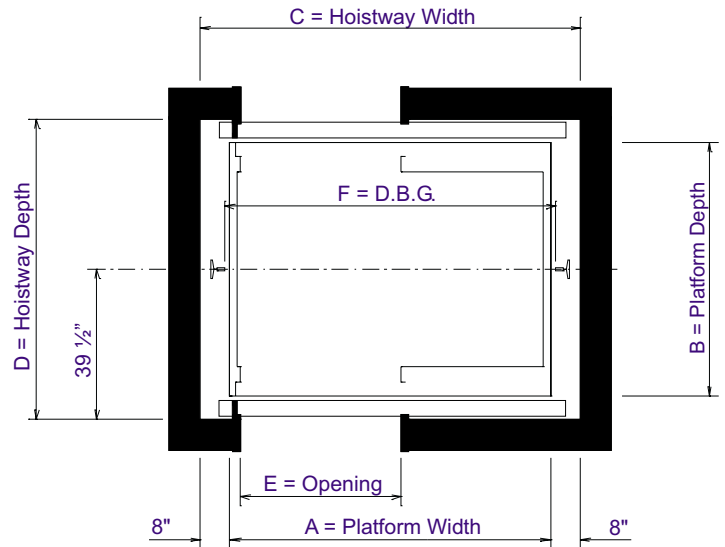


Standard drop ceiling: Black frame with white eggcrate panels, fluorescent lights above.

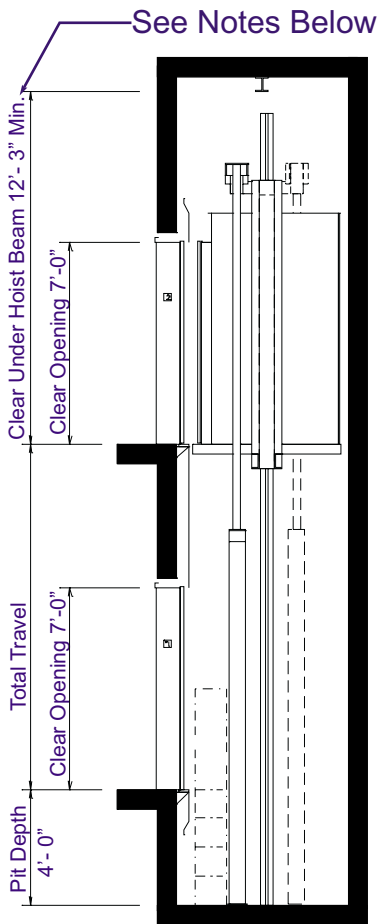
ARCHITECTURAL DATA



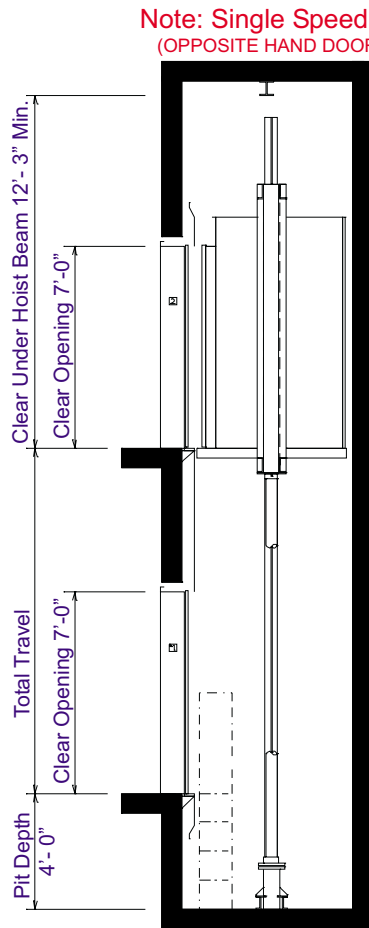
Hoistway Figure 1: "Front Opening Only"



Hoistway Figure 2: "Front & Rear Openings"



Holeless Elevator Elevation



Holed Elevator Elevation

Figure 1: DIMENSIONS						
Capacity	A	B	C	D	E	F
2100 *	6'-0"	5'-0"	7'-4"	5'-9"	3'-0"	6'-3"
2500 **	7'-0"	5'-0"	8'-4"	5'-9"	3'-6"	7'-3"

* Complies with wheelchair code (can be used in buildings up to 3 stories).
** Complies with stretcher code (for buildings 4 stories and up).

Figure 2: DIMENSIONS						
Capacity	A	B	C	D	E	F
2100 *	6'-0"	5'-6 1/2"	7'-4"	6'-7"	3'-0"	6'-3"
2500 **	7'-0"	5'-6 1/2"	8'-4"	5'-9"	3'-6"	7'-3"

* Complies with wheelchair code (can be used in buildings up to 3 stories).
** Complies with stretcher code (for buildings 4 stories and up).

NOTES:

1. With rear openings, dimension E applies at both front and rear.
2. For location and size of machine room consult local office.
3. A 2'-0" x 2'-0" square opening required in pit floor for setting hydraulic cylinder.
4. Where possible, machine room should be located adjacent to the elevator shaft.
5. Proper supports for rail brackets by owner.

ELEVATION NOTES:

1. With holeless elevators greater than 12'-0" of travel, consult manufacturer or local representative for the minimum clear overhead dimension.
2. Adequate hoist beam shall be provided by owner in order to lift necessary items for installation.
3. For holed hydraulic elevators, consult final layouts for proper hole depth before drilling hydraulic cylinder.