



ELITE

RESIDENTIAL ELEVATOR



 **Top Hat Elevator**
www.tophatelevator.com
1 (800) 774-2134

 **AmeriGlide**
Accessibility
Solutions

We believe in providing a residential elevator that exceeds all industry standards in safety, performance and reliability. Our residential elevator package delivers unparalleled reliability, ease of service, and a smooth quiet ride. The Elite is thoroughly engineered using the latest 3D engineering software, tested in a factory test tower before being certified by a well-known independent testing laboratory. We stand behind our products with a commitment to prompt, professional service and a 2-year, hassle-free, warranty policy.

Why purchase a home elevator?

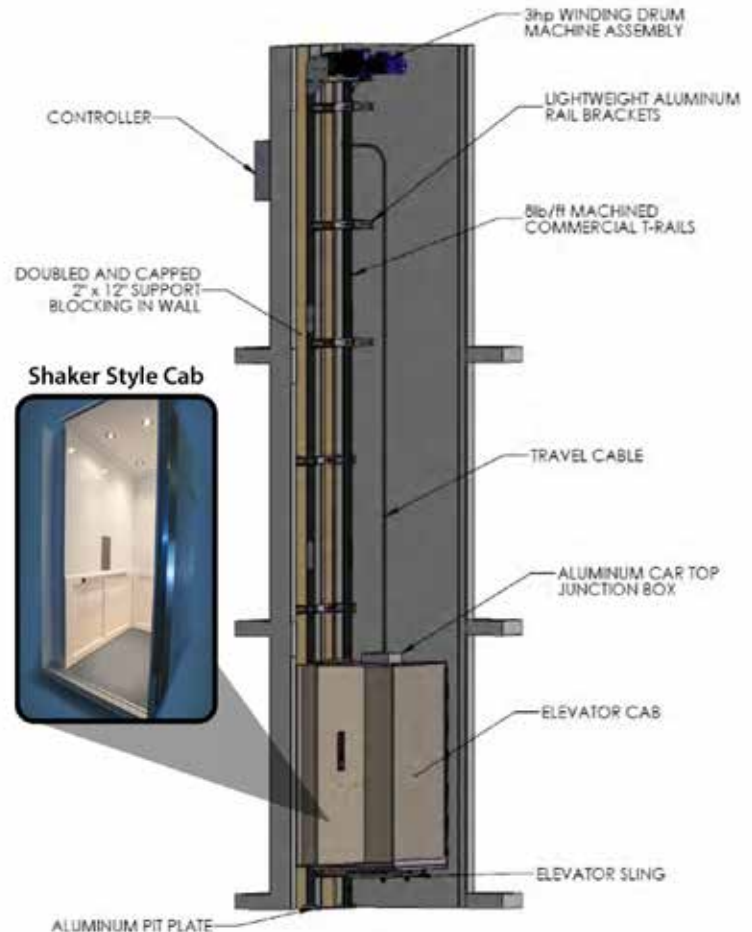
- **Convenience:** a home or residential elevator provides convenience when carrying heavy loads, purchasing new furniture or even moving laundry.
- **Accessibility:** a residential elevator gives everyone access to your multi-story home.
- **Increased Home Value:** a residential elevator is proven to add value to your home and make it more appealing to a broader group of home buyers.
- **Luxury:** a residential elevator adds a splash of luxury to your home and makes it unique.

Why purchase the Elite?

- Superior ride quality through the use of state of the art motor control technology.
- Ultimate reliability through the use of industrial grade PLC controls.
- Simple and inexpensive to maintain and repair.
- Non-proprietary controls. Modular design allows most parts and sensors to be individually replaced versus being forced to replace complete circuit board assemblies.
- Hassle-free tech support and warranty policy.
- Aluminum components for added corrosion resistance.
- Engineered installation brackets and tools for a quick installation.

System Overview

A precision gear-motor assembly is mounted at the top of machined steel guide rails. This machine assembly raises and lowers the elevator via two 3/8" diameter elevator grade steel cables. The motor and integrated brake are controlled using a Variable Frequency Drive that ensures excellent ride quality and low noise levels. Electric door locks and gate switches ensure the safety of passengers inside the elevator and bystanders at the floor levels.



Cab Options

Cabs are available in 6' 8", 7' 0" and 8' 0" heights.

(Note: High cabs require additional overhead clearance)



Standard

Melamine in choice of: white, beige, black or light oak.

Raised Panel

Elegant cab with choice of base wood species and raised hardwood molding.

Shaker

White cab with raised paneling on lower half of cab.

Available Upgrades:
Unfinished birch, oak, mahogany or cherry, or birch w/ clear coat.

Available upgrades:
White, Unfinished:
Birch, Oak or Mahogany

Gate Options

White panel accordion gates come standard with all elevators. Custom gates are also available to compliment different architectural styles and tastes.



White Panels

Standard

Clear Panels

Available Upgrade

Cab Sizes

Standard

36" W x 36" D
36" W x 48" D
48" W x 36" D

Optional Sizes

36" W x 60" D
42" W x 54" D
Custom Sizes Available

Lighting Options

Ceiling designs and lighting options may be mixed and matched.



Two recessed LED
Standard



Four recessed LED
Available Upgrade

LED lights, 3" diameter, stainless steel trim ring.

Fixture Options



Stainless Steel
Standard

Handrail Options



Flat Bar
Standard



Round Bar
Available Upgrade

Polished aluminum handrails.

Technical Specifications

MODEL	Elite	DRIVE SYSTEM	Standard Overhead Winding Drum Optional Roped Hydraulic
CAPACITY	950 lbs.	CAB FINISHES	Standard <i>Available In:</i> Melamine <i>White, Beige, Black or Light</i> Finish <i>Oak, Birch (unfinished</i> <i>or clear coat), Oak</i> <i>(unfinished), Mahogany</i> <i>(unfinished) or Cherry</i> <i>(unfinished)</i> Optional Unfinished Veneer
TYPE	Machine-Room-Less	Additional Cab Finish Options	Traditional Raised Moulding Panel <i>Available In: Birch, Oak, Cherry or Mahogany</i>
CAB SIZES	Standard Sizes* 36" W x 36" D 36" W x 48" D 48" W x 36" D Optional Sizes* 36" W x 60" D 42" W x 54" D <i>Custom Sizes Available</i> <i>*Approximate I.C.D. (standard)</i>	Shaker Style <i>Available In: White, Birch (unfinished), Oak</i> <i>(unfinished) or Mahogany (unfinished)</i>	
CAB HEIGHTS	Standard 6' 8" (80") Optional 7' 0" (84") 8' 0" (96")	GATES	Standard White panel, accordion gates Optional Clear panel, accordion gates
NOMINAL SPEED	40 fpm	FIXTURE FINISHES	Standard Stainless Steel
MAX TRAVEL	48' 5"	HANDRAIL	Standard Flat polished aluminum handrail Optional Round Polished Aluminum
MAX LANDINGS	7	FINISHED FLOORING	By others 1/4" tolerance, we supply subfloor only.
OVERHEAD CLEARANCE REQUIRED	6' 8" cab requires 102" 7' 0" cab requires 106" 8' 0" cab requires 117" <i>Measured from top landing floor level to lowest point in elevator shaft.</i>	EMERGENCY	Emergency phone, emergency stop switch
POWER REQUIREMENT	230V with 30amp circuit / 110V with 15amp circuit	SAFETY	Slack cable switch and wedge safeties, final limit switch, integrated interlocks, emergency stop switch. All safety features required by ASME A17.1, section 5 (National Elevator Code)
DRIVE SYSTEM	VVVF motor controls and geared winding drum machine	WORK BY OTHERS	Plum & square shaft, pit construction, access hatch, electrical and phone.
PIT DEPTH	8" minimum, 12" recommended		
CAR DOOR	Electromechanical door interlocks		
CONTROLS & SWITCHES	Automatic operation, optical leveling, industrial PLC controls, ETL listed controller, Floor buttons, alarm button in cab, hall station floor buttons, emergency stop switch		

Highlights

- Electromechanical door interlocks
- Broken cable type “A” instant safeties
- Optical landing system
- “Sleep mode” to conserve energy and component life when elevator is not in use.
- Aluminum platform and rail brackets
- Recessed lighting, automatic
- Stainless steel fixtures
- Concealed telephone for emergency communications
- Controller supports 4 landings standard, 7 landings optional
- Automatic 2nd level homing (after 20 minutes, elevator will automatically move from the 1st level to the second level.)
- All safety features required by ASME A17.1, section 5 (National Elevator Code)
- ETL listed controller

Safety

- Door interlocks mounted on all swing doors to prevent the doors from being opened when the elevator is not present.
- Broken cable safeties lock the elevator cab to the guide rails in the unlikely event one of the hoist cables break.
- Cab mounted solid gate to contain hands, feet, and cargo inside the elevator. Elevator will not operate unless the gate is closed.
- Emergency phone
- Optional emergency battery lowering
- Optional door baffles to ensure compliance with the 3” x 5” swing door rule.



Top Hat Elevator

www.tophatelevator.com

1 (800) 774-2134

5540 McNeely Dr. Suite 302
Raleigh, NC 27612



OTHER AMERIGLIDE PRODUCTS YOU MIGHT BE INTERESTED IN



Dumbwaiters



Elevators - Outdoor



Incline Lifts



Stair Lifts



Vertical Platform Lifts