

**CUSTOM-LIFT  
WINDING DRUM  
RESIDENTIAL ELEVATOR**

**Specifications**

Furnish and erect (one) Waupaca Custom-Lift® electric winding-drum elevator with cab \_\_\_ inches wide, \_\_\_ inches deep, and \_\_\_ inches clear height, with a capacity of 500 lbs or 1000 lbs., to travel a distance of \_\_\_ ft., serving \_\_\_ stops. Travel speed shall be 40 fpm.

Equipment to be designed and manufactured by Waupaca Elevator Co., Inc., Appleton, WI.

**TRAVEL**—Up to 50 ft., up to 6 stops.

**PIT**—For a normal installation, a 6 in. pit is required. Local codes and/or some options may require additional pit depth.

**OVERHEAD**—For a normal installation with a standard 7 ft.-0 in. cab height, 8 ft.-0 in. is recommended above the top floor. Local codes and/or some options may require additional overhead clearance.

**GUIDE RAIL**—Specially formed, 3/16" thick, 8" wide (inside) steel channel, provided with mounting bracket supports at intervals of 30". Heavy-duty splice bolts are used at all matched, ground, and numbered rail splices for installation.

**MACHINE**—Utilizes a high-ratio gearbox, direct mounted and coupled to a 2 hp., single speed, instant reversing motor. Single drum with outboard bearing for support.

**BRAKE**—Single electromagnetic disc brake. Electrically released and spring applied, and released only when drive motor is energized.

**CAB TRUCK**—Heavy gauge steel using (4) high-density synthetic guides and (4) high-density synthetic rollers. Twin instantaneous safeties applied by a retained compression spring and slack rope safety are included.

**CABLES**—The cab shall be supported by two ¼"(500 lbs) 3/8"(1000 lbs.) 7x19 cables.

**ELECTRIC SUPPLY**—230 volts, 30 amp. single phase, 60 hertz. For 208 volts, single phase, a Buck Boost transformer must be added. A 115-volt, 15 amp single-phase circuit is required for cab lighting.

**CONTROLS**—Momentary contact, fully automatic call buttons at each floor. Cab control includes landing buttons, cab light switch, alarm button, and emergency stop switch.

**CONTROLLER**—Mounted in steel enclosure with hinged door and normally surface mounted.

**STOPPING DEVICES**—PLC magnetic tape reader for leveling accuracy and ease of installation.

**OVERLOAD**—Fuses provided for electrical overload protection.

**SIGNAL SYSTEM**—Emergency alarm, wall mounted telephone jack, and in-use indicators. Car-here lights and flush phone box are available options.

**CAB**—Standard cab is of wood panels with solid wood handrail and trim. (Recessed down light or lighting is standard) Floor is wood construction, unfinished.

**CAB GATE**—Solid vinyl accordion gates, in one of our four stock colors (Chalk, Off-White, Natural or Light Oak) are standard on all cabs except the Estate LTD. Solid acrylic accordion gates, in one of our two stock colors (Bronze or Clear) (standard on the Estate Ltd.)

**HOISTWAY**—Enclosures are required at all landings for safety. Hoistway can be designed to fit standard car size or Waupaca can produce a custom sized car to fit your hoistway requirements. Hoistway must be plumb and square. Installer should confirm dimensions with Waupaca Elevator prior to construction.

**INTERLOCKS**—Required to prevent operation of elevator unless doors are closed and locked, and to prevent opening of any doors unless cab is at designated landing. (Self closures on the doors are recommended to insure proper closing.)

**INSTALLATION**—To be done by an authorized elevator contractor in accordance with installation/operating instructions provided by the manufacturer and supplied with the elevator, and in compliance with requirements of the National Electric Code, American Society of Mechanical Engineers safety code, and state and local building codes. Manufacturer assumes no liability for equipment not installed in compliance with these codes.

**WORK DONE BY OTHERS**—Suitable hoistway enclosure including pit, doors, and guide rail-mounting supports. Machine room including door with lock, 230 volt power source including manually operated fused line disconnect (to break both lines). 115 volt power source including disconnect and 115 volt outlet and light.

**CODE ACCEPTABILITY**—The Custom-Lift is designed to meet the requirements of ASME-A17.1 national elevator code for residential elevators, many major city code requirements, and is fully certified by a registered professional engineer.

**WARRANTY**—The Custom-Lift carries Waupaca's well-known two-year limited warranty on material and workmanship.