

CABLE DRUM ELEVATOR SPECIFICATIONS

CAPACITY & CAR SIZE:	<p><u>500 lbs max</u>: Max. Car size 12 ft sq or 15 ft sq where allowed. Min. Car size 24" W X 24" D (D is measurement out from rail) Max. D dimension is 44"; Max. W dimension is 54"</p> <p><u>1000 lbs max</u>: Max. Car size 15 ft sq or 18 ft sq where allowed. Min. Car size 28" W X 28" D (D is measurement out from rail) Max. D dimension is 44"; Max. W dimension is 64"</p>
SPEED, TRAVEL, & LANDINGS:	1000 lb car = 40 fpm, 500 lb car = 30 fpm, Max. Car travel 50 ft., Max. 6 Landings (12" min. between landings).
MINIMUM OVERHEAD:	8 ft. for a standard 80" Car. Other car heights are available (additional headroom required).
POWER & WIRING:	<ul style="list-style-type: none"> ▪ 208-240 VAC, 60HZ, 1Φ, 15A Nominal, 10AWG wire recommended, 20A or 30A breaker. (Elevator system power, voltages below 220VAC may require boost transformer – supplied by others.) ▪ 120VAC 60 Hz, 1Φ, 6A Nominal, 15A breaker (Car Lights & accs)
CONTROL SYSTEM WIRING:	Plug in wiring package ... connector terminated cables.
ENVIRONMENTAL REQUIREMENTS	40° F to 120° F (4°C to 49°C) not intended for outdoor exposure and/or outdoor environment.
MOTOR:	3 HP 3 Phase motor powered by Variable Frequency Drive (VFD).
DRIVE:	<u>500 lb</u> ; 60:1 Gearbox, with Bronze gear and Steel worm <u>1000 lb</u> ; 100:1 Gearbox, with Bronze gear and Steel worm
BRAKE:	Mechanically applied, electrically released brake.
GUIDE RAIL:	Single Steel Guide Rail – C Channel
SUSPENSION MEANS:	<u>500 lb</u> ; 2 pcs 1/4" 8 x 19 IWRC wire rope. <u>1000 lb</u> ; 2 pcs 3/8" 8 x 19 IWRC wire rope.
PLATFORM:	Steel Car Frame supported plywood with hardwood veneer or laminated floor standard.
CAR ENCLOSURES:	Solid wood panels, hardwood veneer panels, MDF or acrylic panels with aluminum frame. Handrails are available.
CAR DOORS & GATES:	1 to 2 openings, ASME A17.1-2016 code compliant gates.
PIT DEPTH:	<u>500lb</u> ; 6" minimum (12" min. with buffer spring) <u>1000lb</u> ; 10" minimum (13" min. with buffer spring)
CONTROLS & SWITCHES:	Floor Buttons, Key Switch, Position Indicator, and Alarm Button in car. Hall Station Button and Position Indicator at each floor.
SAFETY DEVICES:	Dual type "A" instantaneous safeties, Upper & lower final limits, Slack Rope switch, Pit Switch, Automatic Cab Light, Door/Gate contacts on car, Light Curtain contacts on car, Shaft doors electrically and mechanically interlocked.
EMERGENCY FEATURES:	Emergency Light and Alarm, Battery Lowering, and Manual Lowering.
WARRANTY:	Limited 2 Year Parts Warranty.