

Aluminum Elevator

Capacity: 6,000 lbs – 25,000 lbs

With a **space-conscious** design and all of Hi-Tide's **safety & quality** features, the aluminum elevator is the **ideal solution** for narrow waterways or settings with side mount requirements.



Warranty

- 10-year structural warranty
- 5-year gear box warranty
- 2-year motor warranty
- 1-year comprehensive warranty
- 1-year track warranty

Standard Features

- Patented, sealed aluminum Hi-Tide **Gear Drive**® gear box provides efficient, quiet and fast performance
- Riches Switches with lockable, weather-resistant enclosure (standard on 6,000–17,000 lbs)
- Remote control (standard on 20,000/25,000 lbs)
- Piling mount (up to 20,000 lbs) or seawall mount available
- All-aluminum structure using 6061-T6 marine-grade aluminum
- Angled to ease launching in shallow water
- Machined aluminum cable winders that extend cable life
- Stainless steel electric motors – made in America
- Cable Keepers

Options & Accessories

- Aluminum bunks available for up to 20,000 lbs
- Aluminum catwalk
- Boarding platform
- Limit switch
- Remote control
- Vertical upgrade
- Complete disconnect receptacle (strongly recommended)
- Additional options and accessories available

Specifications for Aluminum Elevator

All specifications subject to change without notice.

Structural Specifications for the Aluminum Elevator

LIFT MODEL	TRACK*	SPEED	CABLE SIZE (STAINLESS STEEL)	STANDARD BUNKS (CARPETED)	MOTOR (STAINLESS STEEL)	REQUIRED VOLTS/AMPS	VERTICAL TRAVEL	MAX BEAM	GUIDE POLE (PVC)	PILING SIZE (MOUNTED)
6,000 LB Gear Drive®	6" x 4" x 25' I-beam	30"/min	5/16" x 30'	2" x 8" x 12'	(2) 3/4 hp	120V/30A 240V/15A	12'	8'	2" x 6' 8"	8" diameter
10,000 LB Gear Drive®	8" x 5" x 25' I-beam	20"/min	5/16" x 45'	2" x 8" x 12'	(2) 3/4 hp	120V/30A 240V/15A	12'	9'	2" x 6' 8"	10" diameter
14,000 LB Gear Drive®	10" x 6" x 25' I-beam	20"/min	5/16" x 45'	3" x 10" x 12'	(2) 1 hp	240V/15A	12'	10'	2" x 10'	10" diameter
17,000 LB Gear Drive®	12" x 7" x 25' I-beam	20"/min	3/8" x 45'	3" x 10" x 14'	(2) 1 hp	240V/15A	11'	12'	2" x 10'	12" diameter
20,000 LB w/remote control	12" x 7" x 25' I-beam	15"/min	3/8" x 60'	3" x 10" x 14'	(2) 1 hp	240V/15A	9 1/2'	12'	2" x 10'	12" diameter
25,000 LB Direct Drive w/remote control & limit switch	12" x 7" x 25' Heavy I-beam	21"/min	7/16" x 65'	3" x 12" x 18'	(2) 2 hp brake	240V/30A	13'	13'6"	2" x 10'	Seawall mount only

*Longer tracks available upon request.

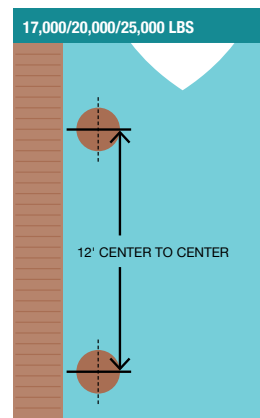
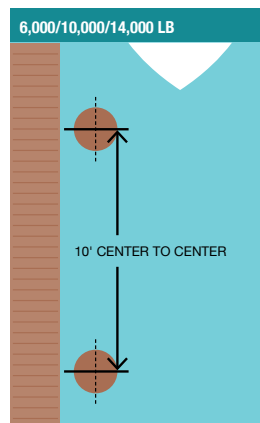
Wire Specifications for the Aluminum Elevator

MOTOR HP (STAINLESS STEEL)	100'		200'		300'		400'	
	120V	240V	120V	240V	120V	240V	120V	240V
(2) 3/4 hp	#8	#10	#6	#10	#4	#10	#2	#8
(2) 1 hp	—	#10	—	#10	—	#10	—	#8
(2) 2 hp	—	#10	—	#8	—	#6	—	#4

Piling Setting Dimensions for the Aluminum Elevator

Minimum Concrete Requirements for Seawall-Mounted Aluminum Elevator

LIFT MODEL	YARDS/TRACK
6,000 LB Gear drive®	2 yd
10,000 LB Gear drive®	3 yd
14,000 LB Gear drive®	4 yd
17,000 LB Gear drive®	5 yd
20,000 LB Gear drive® w/remote control	5 yd
25,000 LB Direct Drive w/remote control	6 yd



Sample: 6,000 lb Aluminum Elevator

