



## Product Specifications for the Aluminum Elevator



### FEATURES

- Capacity: 6,000 lbs to 25,000 lbs
- Sealed aluminum Hi-Tide Gear Drive® gear box is standard on this lift for efficient, quiet and fast performance
- Patented Riches Switches with lockable, weather-resistant enclosure are standard on 6,000-17,000 lbs
- Remote control is standard on 20,000/25,000 lbs
- Piling mount or seawall mount available
- All aluminum construction for corrosion resistance and durability
- Angled to ease launching in shallow water
- Machined aluminum cable winders are standard to extend cable and drive shaft life
- Stainless steel electric motors
- Ten-year structural warranty
- Five-year gear box warranty
- Two-year motor warranty
- One-year comprehensive warranty

### OPTIONS AND ACCESSORIES

- Hi-Tide X2 Gear Drive® gear box upgrade available on 6,000-17,000 lbs for even faster performance (low profile only); includes remote and limit switch
- Aluminum bunks available for up to 20,000 lbs
- Aluminum catwalk
- Boarding platform
- Remote control
- Limit switch
- For additional options and accessories, please visit our web site at [www.hi-tide.com](http://www.hi-tide.com).

## SPECIFICATIONS FOR THE ALUMINUM ELEVATOR

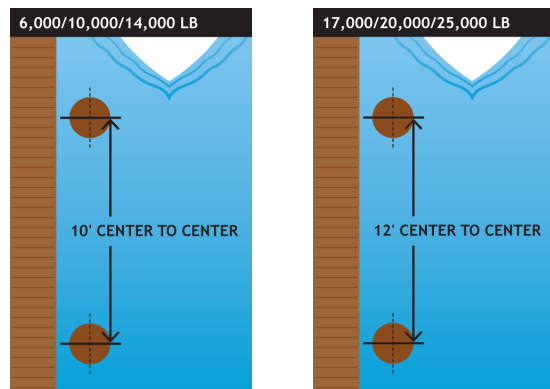
All specifications subject to change without notice.

STRUCTURAL SPECIFICATIONS FOR THE ALUMINUM ELEVATOR									
LIFT MODEL	TRACK*	CABLE (STAINLESS STEEL)	STANDARD BUNKS (CARPETED)	MOTOR (STAINLESS STEEL)	REQUIRED VOLTS/AMPS	VERTICAL TRAVEL	MAXIMUM BEAM	GUIDE POLE (PVC)	PILING SIZE (MOUNTED)
6,000 LB GEAR DRIVE®	6" x 4" x 25' I-beam	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	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	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	3/8" x 45'	3" x 10" x 14'	(2) 1 hp	240V/15A	11'	12'	2" x 10'	12" diameter
20,000 LB CHAIN DRIVE® W/REMOTE CONTROL	12" x 7" x 25' I-beam	5/16" x 90'	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	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	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 CHAIN DRIVE W/REMOTE CONTROL	5 yd
25,000 LB DIRECT DRIVE W/REMOTE CONTROL	6 yd

**SAMPLE: 6,000 LB ALUMINUM ELEVATOR**

Required: 2 cubic yards (54 cubic feet) of concrete per track  
 $4' \times 4' \times 3 \frac{1}{2}'$  cube = 56 cubic feet of concrete