



Product Specifications for the Hi-Tide X2 Gear Drive® Lift (US Patent 6,397,691)



FEATURES

- Capacity: up to 30,000 lbs
- Sealed aluminum Hi-Tide X2 Gear Drive® gear box is standard on this lift for efficient, quiet and ultra-fast performance (low profile only)
- Remote control, limit switch, and aluminum bunks (up to 20,000 lbs) are standard up to 20,000 lbs
- Gear box available in low-profile only
- All aluminum structure using 6061-T6 marine-grade aluminum
- Twin I-beam top carrier beams
- Welded construction throughout
- Aluminum pulleys with greaseable stainless steel axle bolts
- Aluminum grooved cable winder sleeves
- Stainless steel electric motors
- Stainless steel cables and hardware
- Fifteen-year structural warranty
- Five-year gear box warranty
- Two-year motor warranty
- One-year comprehensive warranty

OPTIONS AND ACCESSORIES

- Aluminum catwalk
- Aluminum service platform
- Aluminum catwalk steps
- Boarding platform
- Boathouse brackets
- Cradle stabilizers
- Driveshaft covers
- Flare guides
- Marina brackets
- For additional options and accessories, please visit our web site at www.hi-tide.com.

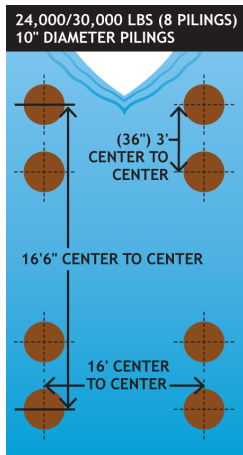
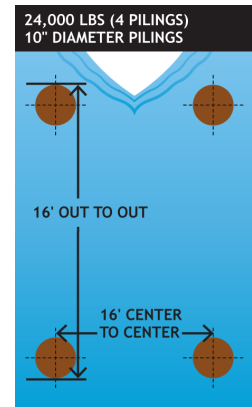
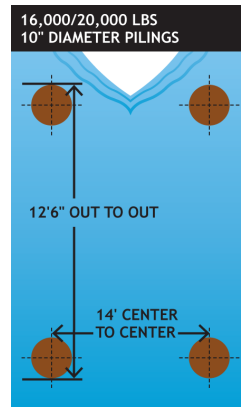
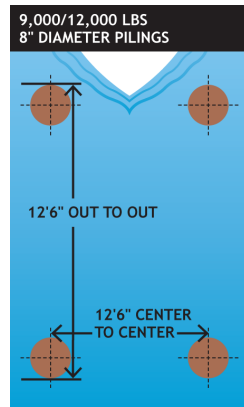
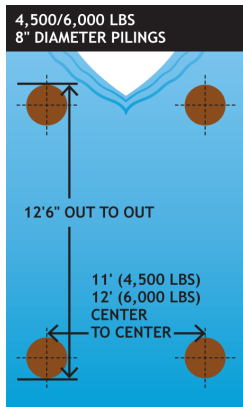
**SPECIFICATIONS FOR HI-TIDE X2 GEAR DRIVE® LIFT (LOW PROFILE ONLY)
(THE HI-TIDE X2 GEAR DRIVE® MODELS BELOW INCLUDE REMOTE CONTROL AND LIMIT SWITCH)**

All specifications subject to change without notice.

STRUCTURAL SPECIFICATIONS FOR HI-TIDE X2 GEAR DRIVE® LIFT								
MODEL	I-BEAM TOP CARRIER LIFTER BEAM DIMENSIONS	SPEED	CABLE & SHAFT DIMENSIONS	STANDARD BUNKS	MOTOR (STAINLESS STEEL)	REQUIRED VOLTS/AMPS	GUIDE POLE WEIGHT PIPE SIZE	PILING QUANTITY/SIZE
4,500 LB (SINGLE CABLE)	4" x 3" x 12'6" 6" x 4" x 11'	80"/min	Cable: 1/4" x 20' Shaft: 1 15/16" Grooved sleeve: 16"	12' aluminum	(2) 1 hp	240V/15A	2" x 6'8" 1 1/2" x 50"	4 pilings/ 8" diameter
6,000 LB (SINGLE CABLE)	4" x 3" x 12'6" 6" x 4" x 12'	80"/min	Cable: 5/16" x 20' Shaft: 1 15/16" Grooved sleeve: 16"	12' aluminum	(2) 1 1/2 hp	240V/25A	2" x 6'8" 1 1/2" x 50"	4 pilings/ 8" diameter
9,000 LB (DOUBLE CABLE)	4" x 3" x 12'6" 6" x 4" x 12'6"	40"/min	Cable: 1/4" x 30' Shaft: 1 15/16" Grooved sleeve: 16"	12' aluminum	(2) 1 hp	240V/15A	2" x 6'8" 1 1/2" x 50"	4 pilings/ 8" diameter
12,000 LB (DOUBLE CABLE)	5" x 3 1/2" x 12'6" 8" x 5" x 12'6"	40"/min	Cable: 5/16" x 30' Shaft: 1 15/16" Grooved sleeve: 16"	12' aluminum	(2) 1 1/2 hp	240V/25A	2" x 10' 1 1/2" x 8'4"	4 pilings/ 8" diameter
16,000 LB (DOUBLE CABLE)	6" x 4" x 12'6" 10" x 6" x 14'	40"/min	Cable: 5/16" x 30' Shaft: 1 15/16" Grooved sleeve: 16"	12' aluminum	(2) 2 hp	240V/30A	2" x 10' 1 1/2" x 8'4"	4 pilings/ 10" diameter
20,000 LB (TRIPLE CABLE)	6" x 4" x 12'6" 10" x 6" x 14'	27"/min	Cable: 5/16" x 45' Shaft: 1 15/16" Grooved sleeve: 18"	14' aluminum	(2) 2 hp	240V/30A	2" x 10' 1 1/2" x 8'4"	4 pilings/ 10" diameter
24,000 LB (TRIPLE CABLE, 4 PILING)	8" x 5" x 16' 12" x 7" x 16' Light duty	27"/min	Cable: 5/16" x 45' Shaft: 1 15/16" Grooved sleeve: 18"	3" x 12" x 18' wood	(2) 2 hp	240V/30A	2" x 10' 1 1/2" x 8'4"	4 pilings/ 10" diameter
24,000 LB (TRIPLE CABLE, 8 PILING)	4" x 3" x 48" 12" x 7" x 16' Light duty	27"/min	Cable: 5/16" x 45' Shaft: 1 15/16" Grooved sleeve: 18"	3" x 12" x 18' wood	(4) 1 1/2 hp	240V/50A	2" x 10' 1 1/2" x 8'4"	8 pilings/ 10" diameter
30,000 LB (TRIPLE CABLE, 8 PILING)	5" x 3 1/2" x 48" 12" x 7" x 16' Heavy duty	38"/min	Cable: 3/8" x 50' Shaft: 1 15/16" Grooved sleeve: 18"	3" x 12" x 18' wood	(4) 2 hp	240V/60A	2" x 10' 1 1/2" x 8'4"	8 pilings/ 10" diameter

WIRE SPECIFICATIONS FOR HI-TIDE X2 GEAR DRIVE® LIFT								
MOTOR HP	100'		200'		300'		400'	
	120V	240V	120V	240V	120V	240V	120V	240V
(2) 1 HP	—	#10	—	#10	—	#10	—	#8
(2) 1 1/2 OR 2 HP	—	#10	—	#8	—	#6	—	#4
(4) 1 1/2 HP	—	#8	—	#6	—	#4	—	#2
(4) 2 HP	—	#8	—	#4	—	#4	—	#2

PILING SETTING DIMENSIONS FOR THE X2 HI-TIDE GEAR DRIVE® LIFT



SPECIFICATION NOTES

- 1) Hi-Tide X2 Gear Drive® top carrier beams are designed to fit pilings up to 12" in diameter. Please notify Hi-Tide if concrete pilings will be used.
- 2) Hi-Tide X2 Gear Drive® lifter beams are designed to lift on the centerline of the support pilings. If the dock edge overlaps centerline of the pilings, adjustment should be made to increase piling spacing side to side, shorten lifter beams, or notch deck boards to accommodate lifter beams. Please contact Hi-Tide for help at 1-800-544-0735.