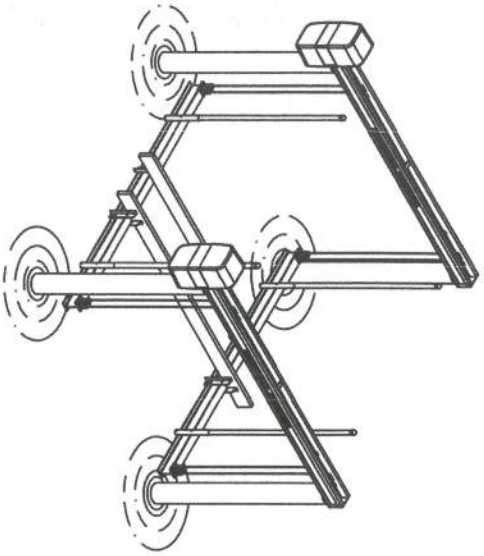


IMM Quality Boat Lifts

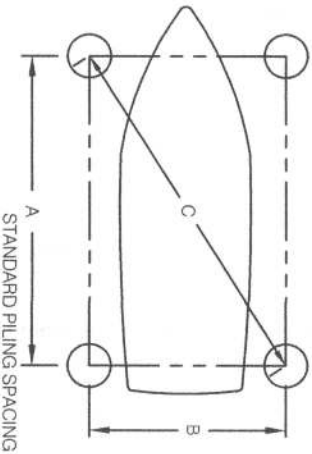
PLATINUM BOAT LIFT SPECIFICATIONS

4 POST BOAT LIFTS WITH 2 CRADLE BEAMS AND 4 CABLES

ALL SPACING TO CENTER OF PILING



LIFT CAPACITY	A	B	C	RECOMMENDED MIN. PILE SIZE
4,500 lbs.	132"	120"	178"	8" DIA.
7,000 lbs.	144"	144"	204"	8" DIA.
10,000 lbs.	144"	150"	208"	8" DIA.
13,000 lbs.	144"	150"	208"	8" DIA.
16,000 lbs.	144"	168"	218"	10" DIA.
16,000 XL lbs.	168"	168"	238"	10" DIA.
20,000 lbs.	168"	192"	255"	10" DIA.
27,000 lbs.	192"	192"	272"	10" DIA.



LIFT CAPACITY lbs.	CABLE BEAM SIZE CUSTOM CHANNEL 6061-16, 6005H-15	CRADLE BEAM FRAME SIZE 6061-16, 6005H-15	GROUND CABLE WIRE SIZE inches	DRIVE SHAFT SIZE inches	GEAR RATIO	NO. OF MOTORS H.P.	CABLES	CABLE SPREAD INCHES	LIFT SPEED in/min	GUIDE POST HEIGHT	BOAT PILING WOOD OPTION/ALUM. OPTION	BOAT PILING ALUM. OPTION
4,500	5 x .230 H 2 x .160 W	6 x .190 H 4 x .290 W 120 L	2.375 DIA 1.7" Length LIFTS 14 FT.	1.9" Ø TUBE 9 ga	375:1	(2)3/4H-P-115W/22A 230V/11A	5/16 SSAC 7x19 304, 1P 20	101	36	7	2 x 8 x 144	144
7,000	6 x .230 H 2 x .160 W	6 x .190 H 4 x .290 W 144 L	2.375 DIA 1.7" Length LIFTS 14 FT.	1.9" Ø TUBE 9 ga	375:1	(2)3/4H-P-115W/22A 230V/11A	5/16 SSAC 7x19 304, 1P 20	113	36	7	2 x 8 x 144	144
10,000	7 x .230 H 2 x .160 W	8 x .230 H 5 x .360 W 150 L	2.375 DIA 2.0" Length LIFTS 12 FT.	1.9" Ø TUBE 9 ga	375:1	(2)3/4H-P-115W/22A 230V/11A	5/16 SSAC 7x19 304, 2P 38	110	18	7	2 x 8 x 144	144
13,000	8 x .230 H 2 x .160 W	8 x .230 H 5 x .360 W 150 L	2.375 DIA 2.0" Length LIFTS 12 FT.	1.9" Ø TUBE 9 ga	375:1	(2)H-P 230V/13A	5/16 SSAC 7x19 304, 2P 38	110	18	7	2 x 8 x 144	144
16,000	11 x .230 H 2 x .160 W	10 x .250 H 6 x .410 W 168 L	2.375 DIA 2.0" Length LIFTS 12 FT.	1.9" Ø TUBE 8 ga	375:1	(2)H-P 230V/13A	5/16 SSAC 7x19 304, 2P 38	110	18	10	3 x 10 x 168	192
16,000 XL	11 x .230 H 2 x .160 W	10 x .250 H 6 x .410 W 168 L	2.375 DIA 2.0" Length LIFTS 12 FT.	1.9" Ø TUBE 8 ga	375:1	(2)H-P 230V/13A	5/16 SSAC 7x19 304, 2P 38	134	18	10	3 x 10 x 192	192
20,000	12 x .266 H 2 x .172 W	12 x .290 H 7 x .470 W 192 L	2.375 DIA 2.5" Length LIFTS 12 FT.	1.9" Ø TUBE 8 ga	375:1	(2)H-P 230V/13A	5/16 SSAC 7x19 304, 3P 60	123	12	10	3 x 10 x 192	192
27,000	14 x .313 H 2 x .313 W	12 x .290 H 7 x .470 W 192 L	3.5 DIA 2.1" Length LIFTS 12 FT.	2.875" Ø TUBE 8 ga	450:1	(2)1-1/2H-P 230V/16A	5/16 SSAC 7x19 304, 4P 74	147	11	10	3 x 10 x 192	192

IMM BOAT LIFTS, INC. IS NOT RESPONSIBLE FOR THE DOCK STRUCTURE OR ITS ABILITY RESIST THE APPLIED LOADS OF THE BOAT LIFT. THE SITE SHOULD BE VERIFIED BY A LICENSED MARINE CONTRACTOR. APPLIED LOADS WILL BE PROVIDED UPON REQUEST.

STRUCTURAL ENGINEERING REVIEW

THIS CONSTRUCTION HAS BEEN DESIGNED AS A MAIN WIND FORCE RESISTING SYSTEM, WITH CALCULATED GRAVITY AND WIND LOADS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2014, CHAPTER 16 & 20, ASHRAE 2010, ASCE581 7-10, AND MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES TO WITHSTAND THE WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE "B", RISK CATEGORY "1". ARCHDIS/DAMPERS CONSULTING ENGINEERS HAS NO CONTROL OF THE MANUFACTURING, PERFORMANCE, OR INSTALLATION OF THIS PRODUCT. THESE GENERAL PLANS WERE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND DATA PROVIDED BY THE MANUFACTURER.

ArchDis/Dampers Consulting Engineers, Inc.
 Certificate of Authorization 9451
 12851 MacGregor Blvd, Suite 108
 Ft. Myers, FL 33919
 239-287-5866

JL Sanders
 4-25-16
 11 SANDERS
 Reg. Florida No. 65361
 Date:

SIGNATURE NOT VALID WITHOUT RAISED SEAL

