

# LAUNCHING PIERS

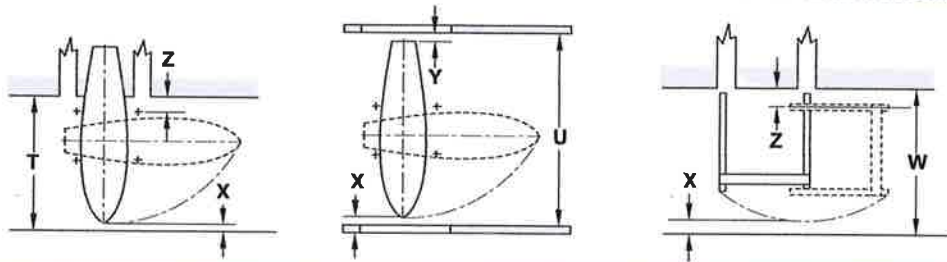
## GUIDELINES

BFMII AND C-SERIES

MARINE TRAVELIFT

### YOUR MARINA PIER INSTALLATION CAN BE DESIGNED TO MEET YOUR NEEDS!

- Proper pier installation increases efficiency – improves profits.
- Wood piling, steel piling or pre-stressed concrete styles are most popular.
- Pier designs can be adapted to utilize more than one size hoist – use an accredited engineering design firm.
- The use of curb rails help guide the operation. Only use a steel rail to keep the hoist block clearance.
- Allow for an adequate turning radius depending on the type of boats your marina handles –promotes faster boat hauling.
- Running clearance depends on the size and model of your Marine Travelift - see specifications.



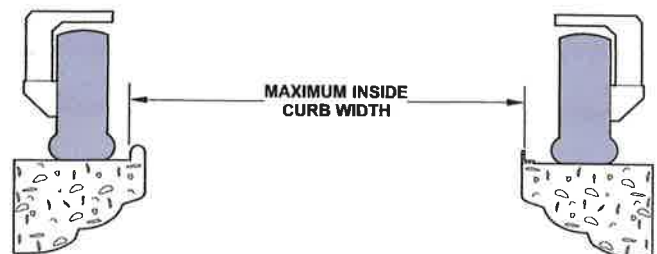
### DIMENSIONAL GUIDELINES RELATIVE TO BOAT LENGTH

MODEL	TYPICAL BOAT LENGTH	DIMENSION T	DIMENSION U	DIMENSION W	DIMENSION Z
15 BFMII	16,76 m	12,95 m	18,82 m	10,46 m	1,52 m
25 BFMII	16,76 m	12,95 m	18,82 m	10,46 m	1,52 m
35 BFMII	19,81 m	14,78 m	21,87 m	11,00 m	1,52 m
50 BFMII	22,86 m	17,45 m	24,92 m	12,78 m	2,29 m
75 BFMII	22,86 m	17,68 m	24,92 m	13,59 m	2,29 m
85 BFMII	25,91 m	19,74 m	27,97 m	15,27 m	2,29 m
100 BFMII	32,00 m	23,85 m	34,06 m	17,09 m	2,74 m
150CII	32,00 m	24,16 m	34,06 m	19,13 m	2,74 m
200CII	38,10 m	29,11 m	40,16 m	21,16 m	3,96 m
250C	38,10 m	29,87 m	40,16 m	22,33 m	3,96 m
300CII	45,72 m	33,68 m	47,78 m	24,00 m	3,96 m

Note: The above sketches depict typical space requirements and boat length and may be adapted to suit specific circumstances. Clearance Dimensions "X" = 1'9" (0.53m), "Y" = 5'0" (1.5m). Descriptions subject to change without notice.

### HOW TO MEASURE INSIDE CURB WIDTH

(SPECIFICATIONS FOUND ON REVERSE SIDE UNDER COLUMN "C")



# 75 BFMII

MOBILE BOAT HOIST

75 Metric Ton Capacity - Tier 4

# MARINE TRAVELIFT®

## STANDARD SPECIFICATIONS

	US Measure	Metric
<b>General Information</b>		
Rated lifting capacity	165,000 lbs	75,000 kg
Shipping weight	48,000 lbs	21,770 kg
*Machine shipped disassembled.		
Inside clear height	22'0"	6.71 m
Inside clear width	21'0"	6.40 m
<b>Engine</b>		
Engine make/model	John Deere Diesel 4.5L - Tier 4	
Horsepower	139 HP @ 2200 RPM / 104 kW	
Cooling	Liquid	
<b>Service Capacities</b>		
Oil tank capacity	38 Gal	144 L
Fuel tank capacity	38 Gal	144 L
<b>Hoist System</b>		
Hoists	(4) Independent Hydraulic Controls	
Hoisting speed (standard)	9 ft/min	2.74 m/min
Hoisting speed (low/high) (optional)	9/19 ft/min	2.74/5.79 m/min
Number of parts of lines	16	
<b>Wire rope</b>		
	5/8" (16 mm), Compacted 8 x 26, Galvanized IWRC	
Depth below grade (standard)	5'0"	1.52 m
Depth below grade (optional)	20'0"	6.10 m
<b>Slings</b>		
Minimum block spacing	10'0"	3.05 m
Maximum block spacing	24'0"	7.32 m
Slings	(4) Nylon 2-ply, Quick disconnect pin	
Protection	Keel pads and Chine pads	
Sling dimension	12" x 34'	0.30 m x 10.36 m
<b>Drive System</b>		
Drive type	Hydrostatic, closed loop	
Travel speed (low/high) (standard)	120/250 ft/min	36.6/76.2 m/min
<b>Gradeability</b>		
Gradeability (standard)	4.5%	
Increased Gradeability (optional)	10%	
*Increased gradeability reduces travel speeds.		
**Gradeability shown for concrete or asphalt surfaces. For other surfaces, deduct as follows: Hard packed ground or gravel...2%; Loose gravel...2 to 7%; Mud...2 to 13%; Soft sand...4 to 13%.		
<b>Tires</b>		
Tire type	(4) Lug 18.00-25	
Tire pressure	145 PSI	10.0 Bars
<b>Steering Type</b>		
2-WS outside turning radius	35'8"	10.87 m
<b>Exterior Paint</b>		
Color	PPG Protective Coating	
Primer	Blue & Grey	
Paint	Zinc Rich Epoxy	
	Engineered Siloxane	

Model 75 BFMII Cracker Boy Boat Yard, Florida, USA



(Machine may be shown with option)

## STANDARD EQUIPMENT

- Greaseless Pivot Trunnion
- Remote Diagnostics
- Intelligent Electronic Load Indicator
- Hydraulic Oil Temperature Monitor
- Hydraulic Pump Pressure Monitor
- Cab Control Direct to Valve
- Industrial Tires
- Formed Steel Structure
- Slew Bearing for Steer Wheels
- Bolting Flange in Top Beam
- Stainless Steel Tubing
- O-Ring Face Seal Hydraulic Fittings
- Cordura Hose Covers
- Parallel Groove Drums
- Chine & Keel Pads
- Greaseless Hydraulic Sling Adjustment
- 2 Speed Drive
- Mechanically Synchronized Hoists

## OPTIONS

- Customizable in Height and Width
- Wireless Remote Control with LCD Display
- All Wheel Electronic Steering (Includes Increased Gradeability)
- AVT Fuel Saver (Wireless Remote Control Required)
- Sailboat Top Beam Extension
- Enclosed Cab with Heater, Defroster Fan, & Wiper
- LED Work & Drive Lights
- Sound Suppression Kits
- 2 Speed Hoist
- Larger Tires Reduced Ground Pressure
- Tire Pressure Monitor
- Jib Cranes
- Change in Block Drop (Below Pier Level)
- Cold Start Kit
- CE Compliance