

# 70 Ton Capacity Model 70BFM Mobile Boat Hoist



Model 70BFM at Henry R. Hinckley & Co., South West Harbor, ME

Fast, Efficient, Economical, Convenient!

- Forward front beam design
- High strength, low alloy structural frame
- Forward sling behind front beam
- All slings power adjustable
- Fast, two-speed travel system. Optional two-speed hoisting available
- Mechanical anti-two-block design
- All stainless steel hydraulic tubing
- Orbital steering wheel control
- Low positioned, enclosed operator's compartment with canopy
- Low mount, fully enclosed engine and hydraulic compartment
- Accurate load weight indicator and overload alarm system
- Optional 4-wheel drive available

MARINE  TRAVELIFT<sup>®</sup> INC.



# More Operator Convenience, More Speed, More Efficiency Than Any Other Hoist In Its Class!

FRONT BEAM POSITIONED FORWARD of the front wheel center line . . . provides added clearance for bow rigging and foredeck structures — permits exact positioning of front sling to achieve optimum load balance.

HEAVY DUTY CONSTRUCTION . . . Main frame is high strength, low alloy steel. Hydraulic tubing is stainless steel. Pivot trunnion permits side frames to rotate over uneven terrain . . . neutralizes structural stress under load.

ALL SLINGS POWER ADJUSTABLE from the operator's compartment. Forward sling can be adjusted aft of the front beam for a better grip on sharply pitched hulls.

FOUR HOIST WINCH DESIGN . . . More than double the hoist speed of comparable models when optional 2-speed hoist feature is employed. Precision, independent hoist control at all four corners permits rolling the boat as well as tilting fore and aft.

LARGE DIAMETER, GROOVED HOIST DRUMS assure uniform cable spooling for long life . . . assure smooth, gentle hoisting action. A hydraulic motor with automatic safety brake

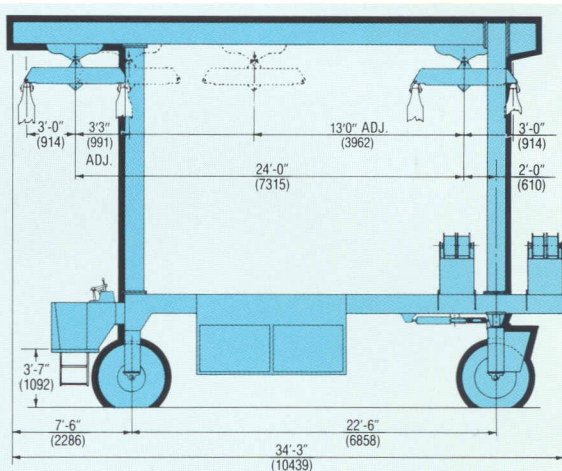
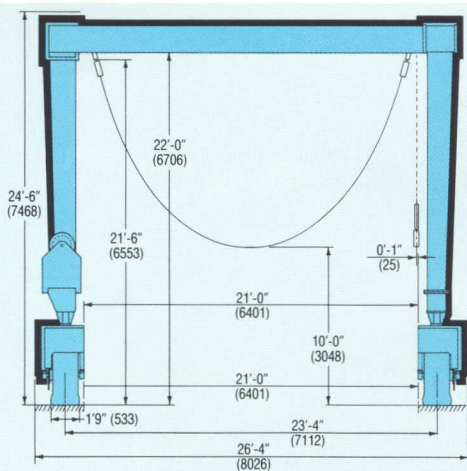
drives each gear reducer. In case of power failure, the safety brake can hold the load.

DIRECT CONNECTION OF SLINGS TO SLING BLOCKS with mechanical anti-two-block system built-in . . . greater usable lifting heights. Diameter of roller bearing mounted sheaves is the recommended size, provides smoother hoisting action, longer rope life.

STRONG, LONG LASTING NYLON SLINGS feature "quick-disconnect" component and have an alternate endeye section to permit fast shortening to accommodate hull shape variations.

ORBITAL STEERING WHEEL CONTROL . . . 90° PIVOT STEERING ON THE DRIVING WHEELS. Fast, two speed drive. Operator compartment is positioned low for easy access. Instruments are on the control panel. Accurate LOAD WEIGHT INDICATOR (in pounds and kilos) plus an overload alarm system standard.

DESIGNED FOR EASY SERVICE . . . Low mount engine and hydraulic compartment is enclosed. Does not obstruct vision.



## SPECIFICATIONS

	U.S. MEASURE	METRIC
Rated lifting capacity . . . . .	140,000 lbs.	63,504 kg
Hoisting speed <b>STANDARD</b> :		
Single-speed low (rated load) . . . . .	6.0 f.p.m.	1.83mpm
Hoisting speeds <b>OPTIONAL</b> :		
Two-speed low (rated load) . . . . .	6.0 f.p.m.	1.83mpm
high (no load) . . . . .	12.0 f.p.m.	3.66mpm
Travel speeds <b>STANDARD</b> :		
Two-wheel drive low-range (rated load) . . . . .	60.0 f.p.m.	18.3mpm
high range (no load) . . . . .	120.0 f.p.m.	36.6mpm
Shp. wt. <b>STANDARD</b> machine (approx.) . . . . .	46,500 lbs.	21,092kg
Engine . . . make and model <b>STANDARD</b> :		
Gas-Ford GF300 . . . . .	92 HP @ 2000 RPM	
Engine . . . make and model <b>OPTIONAL</b> :		
Diesel-JD4239T . . . . .	100 HP @ 2000 RPM	
Cooling . . . . .	Liquid	
Nylon slings <b>STANDARD</b> . . . . .	Four nylon (2 ply)	
12" wide x 30'0" long with center disconnect and extra eye		
NOTE: Extensions available		
Hoist cable 6 x 19 x IPS IWRC . . . . .	5/8" dia.	
Total number of parts . . . . .	4 parts each block	

Depth of rope drop below grade:		
<b>STANDARD</b> . . . . .	5'0"	1.52m
<b>OPTIONAL</b> . . . . .	20'0"	6.1m
Extra rope req'd for each foot of drop . . . . .	16'0"	4.88m
Tires (aircraft type		
recapped with lug type tread) . . . . .	20 x 20 x 50	
Tire pressure . . . . .	140 PSI	965 kPa
Turning radius at 90°:		
Inside . . . . .	0'	0m
Outside <b>STANDARD</b> machine (no load) . . . . .	34'0"	10.36m
Gradeability (low speed-full load) . . . . .	6.5%	
Gradeability shown is for concrete or asphalt surfaces. . . . . for other		
surfaces deduct as follows — Hard packed ground or gravel . . . 2%		
Loose gravel . . . 2 to 7%, Soft sand . . . 4 to 13%		

NOTES: **STANDARD EQUIPMENT** includes 30 gallon FUEL TANK • LOAD WEIGHT INDICATOR • SLINGS • HORN • HAND THROTTLE • Travel WARNING ALARM • Spring applied PARKING BRAKE • Hydraulic disc SERVICE BRAKES • SINGLE-SPEED HOISTS and • TWO-WHEEL DRIVE. Instruments included are: • Ignition switch • Water temperature and oil pressure gauges • Fuel gauge • Choke • Ammeter and hour meter • Hydraulic sling adjustment on both closed end and open end • Hydraulic system has quick connect pressure check points.

Marine Travelift service engineer supervises in the assembly of units and instructs purchaser's personnel in the operation and maintenance of the boat hoist.

**Marine Travelift**  
**Boat Handling Specialists**

changed to 34' 6/5/91  
std. 857187

**MARINE TRAVELIFT** inc.

49 East Yew St., P.O. Box 66, Sturgeon Bay, WI 54235 • 414-743-6202 • Telex: LIFTS STGB 260056 • FAX: 414-743-1522

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