

# 35 BFMII

**MOBILE BOAT HOIST**  
35 Metric Ton Capacity



## STANDARD SPECIFICATIONS

	US Measure	Metric
<b>General Information</b>		
Rated lifting capacity	77,000 lbs	35,000 kg
Shipping weight	26,190 lbs	11,880 kg
*Machine shipped disassembled.		
Inside clear height	18'0"	5.49 m
Inside clear width	17'0"	5.18 m
<b>Engine</b>		
Engine make/model	Cummins Diesel B3.3T - Tier 3	
Horsepower	80 HP @ 2200 RPM / 60 kW	
Cooling	Liquid	
<b>Service Capacities</b>		
Oil tank capacity	30 Gal	114 L
Fuel tank capacity	30 Gal	114 L
<b>Hoist System</b>		
Hoists	(4) Independent Hydraulic Controls	
Hoisting speed (standard)	14 ft/min	4.27 m/min
Hoisting speed (low/high) (optional)	14/31 ft/min	4.27/9.45 m/min
<b>Wire rope</b>		
Number of parts of lines	16	
Wire rope	1/2" (13 mm), 6 x 19 Class, Galvanized XIPS IWRC	
Depth below grade	5'0"	1.52 m
Depth below grade (optional)	20'0"	6.10 m
<b>Slings</b>		
Minimum sling spacing	7'0"	2.13 m
Maximum sling spacing	19'0"	5.79 m
Slings	(2) Nylon 2-ply, Quick disconnect pin	
Protection	Keel pads	
Sling dimension	12" x 26'	0.30 m x 7.92 m
<b>Drive System</b>		
Drive type	Hydrostatic, closed loop	
Travel speed (low/high) (standard)	86/200 ft/min	26.21/60.96 m/min
<b>Gradeability</b>		
Gradeability (standard)	6.5%	
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) Recap 44.5 x 16.5	
Tire pressure	120 PSI	8.3 Bars
Steering type	2-WS at 90°	
2-WS outside turning radius	29'4"	8.94 m
<b>Exterior Paint</b>		
Color	Blue & Grey	
Primer	2-part Epoxy	
Paint	2-part Urethane	

Model 35 BFMII at Marin-Elektro A/S in Fredrikstad, Norway



(Machine may be shown with options)

## STANDARD EQUIPMENT

- Formed beam design (high strength, long life)
- Greaseless pivot trunnion
- Bolting flange in top beam
- No sheet metal
- O-ring face seal hydraulic fittings
- 316 Stainless steel hydraulic tubing
- Hydrostatic drive
- Inline hoist block sheaves (space efficient, no twisting)
- Powered sling adjustment
- Independent hoists (synchronized)
- Load indicators

## OPTIONS

- Changes in height and width
- Wireless remote control
- 2-Speed hoists
- Changes in block drop below pier level
- Jib crane 250
- All wheel electronic steering (includes increased gradeability)
- Sailboat top beam extension
- Enclosed cab w/heater, defroster, wiper
- Sound suppression kits
- AVT fuel saver (wireless remote control required)

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\* Height & width changes can be modified to fit customer specifications.

