

# Wavemaster Feed Barges - Specifications

Model:	AB 650	AB 450	AC 850	AC 650	AC 600PV	AC 450	AC 350	AM 400 12S	AM 320	AM 240	AJ 150 Med	AJ 96	AWB 50
<b>Feed capacity</b>													
Loading capacity - feed (tons):**	650	450	850	650	600	450	350	400	320	240	150	96	50 (on deck)
Loading capacity - feed (m3):	1052	715	1377	1050	976	729	579	645	495	405	250	155	No silos
Number of silos:	8 alt. 4 silo hatches	6-8	16	12	8 alt. 4 silo hatches	6	8	12	8	6	6	4	
<b>Barge specifications*</b>													
Length - total (LOA) excl. platform m:	30	30	40,6	31,3	37,2	30	22	27	28,35	21,5	13,33	14,5	25,0
Beam - total (BOA) m:	19	19	12	12	12	19	10	12	10	10	12	8	10
Hull height (m):	3,6	3,3	4	4	5,2	3,3	4	4	3,5	3,5	3	2,5	2,2
Water proof sections: (Subject to app. reg.)	4	4	5	5	5	4	5	4	4	4	3	3	3
Min. freeboard Hs >=3m, stand. mooring:	1,21	1,0210	1,391	1,233	1,332	1,21	1,074	1,159	1,182	1,065	0,926	0,947	1,125
Min. freeboard Hs >=3m, cross mooring:	1,4	1,315	1,591	1,4	1,532	1,41	1,274	1,139	1,382	1,265	1,198	1,147	1,325
Deck house - options available:	Panorama/Comfort	Panorama/Comfort	Panorama/Comfort	Panorama/Comfort	Panorama V-bottom	Comfort/Panorama	Comfort/Panorama	Comfort	Comfort/Classic	Comfort/Classic	Comfort/Classic	Classic	
Veterinary/divers room possible:***	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	***	No	No
Biosecure zones:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Max number of generators:	4	3+1 small	3	3	3	4	3	3	3	3 (small)	2	1	1
Diesel tank, construction:	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Diesel tank capacity (m3):	2x15	1x36	2x15	2x12	5x15	2x13	2x10	2x11,5	2x11,75	2x11.5	2x3-2x6	5,5	5,5
Freshwater tank, construction:	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP	PE/GRP
Freshwater tank, capacity (m3):	2-10	2-6	2-8	2-8	2-6	2-10	2-6	2-8	2-8	2-4	1-2	1-2	1-2
Sewage, construction	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Sewage tank, capacity (m3):	3-10	3-5	3-5	3	3-5	3-10	3-5	3-5	3	3	1-2	1-2	1-2
Silage tank, construction:	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel	N/A	N/A	Painted steel
Silage tank, capacity (m3):	32-90	32-60	32-76	32-60	5x15	42	2x25	2x24	23-40	20-30	N/A	N/A	50-100
Mill tank, capacity, construction:	Integrated in the hull or aft platform	Integrated in the hull or aft platform	Integrated in the hull or aft platform	Integrated in the hull or aft platform	Integrated in the hull or aft platform	Integrated in the hull or aft platform	Integrated in the hull or aft platform	Integrated in the hull or aft platform	2 m³ stainless steel in aft platform	2 m³ stainless steel in aft platform			2 m³ stainless steel in aft platform
Control room + pantry (m²):	42	73	53/33,5	53/33,5	49,5	42	28	38	23/13	23/13	25	8	7
Living quarters, wardrobe, wc (m²):	69	12	45	45	42	69	22	39	23/8	23/8	29		
Workshop (m²):	63	67	24	24	35	63	18						
Technical room (m²):	30	47	36	36	36	30	21	54	28	28	8	4	
Machine room (m²):	72,5	58	36	36	36	72,5	39	72	46	30	27	16,5	17
Metallized above water line:	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Certified according to:	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK	NS 9415/NYTEK
Designed according to:	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3	DNV 1A1 Barge R3
Optional equipment:	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire	Please inquire
<b>Feeding system</b>													
Possible number of feed lines:	2-16	2-8	4-16	2-12	8 (12)	8	Max 8	6	Max 8	2-4	2-4	2-3	
Standard location of selectors:	Side	Side	Side	Side	Side	Side	Side	Side	Bow	Bow	Bow	Bow	
Air cooling system:	U-profile	110mm steel cooling pipes/ U-profile	U-profile	U-profile	U-profile	U-profile	U-profile	U-profile	U-profile	U-profile	Air-to-air cooler or U-profile	Air-to-air cooler or U-profile	

\*Barge specifications are subject to change without any notice. \*\* Density of 650kg/m³ \*\*\* Optional diver's room

## Certification guide, construction/anchoring:

The Wavemaster Feed Barges are designed in accordance with DNV 1A1 Barge R3 classification. Steel hull, superstructures and feed silos are manufactured using marine grade mild steel, type NVA or equivalent. All steel construction is

performed in accordance with NS470, and all welding is tested by certified NDT (Non Destructive Testing) inspector. The silo modules are constructed with corrugated steel plates in order to get smooth internal surfaces and a high strength to weight ratio (not all models).

High quality on all windows, watertight doors and hatches. Extended bow and aft platforms is available as options. Well proven design and construction, combined with innovation makes Wavemaster Barges reliable, efficient and seaworthy barges. A wide range of models are available at a competitive price.

**All barges are constructed according to NS9415:2009 Norwegian standard for floating fish farms. The barges are certified by Noomas.**