



MARINE

Aquaculture

Products & Accessories



JFC Marine

JFC is a global organisation renowned for its innovative, quality plastic products.

With 30 years experience in the plastic moulding industry, JFC specialise in providing quality rotationally moulded plastic products.

In 2005, JFC established a new JFC Marine division focusing on the development of a range of mussel floats that now delivers mussel farmers the world over many advantages.

Since their launch to market JFC Mussel Floats have helped mussel farmers to substantially increase yields and reduce crop losses. Indeed we now supply a range of products to the Aquaculture sector including; Abalone Trays, Shrimp Graders and Storage Tanks.

Through investment in our people, R&D and pioneering technology JFC has become a global specialist in plastic manufacturing, controlling all aspects of production from idea concept through to finished product. This gives JFC confidence that only products meeting our rigorous quality standards are suitable for market. We have continued to expand our portfolio of products by listening to customer feedback and developing new products that meet their requirements.

Why Choose JFC

- We have **30 years** experience manufacturing high quality, functional and reliable products.
- We use pioneering technology and process to produce products with superior strength and durability capable of withstanding harsh marine conditions.
- JFC Marine products are manufactured from rotationally moulded UV stabilised virgin polyethylene designed especially for marine applications (UV15 rating).
- JFC Marine products are tough, impact resistant and designed to withstand harsh marine conditions.
- Our products are designed in consultation with marine experts/specialists to deliver superior performance and reliability.
- We offer a range of complimentary products to support our range.

Quality Assurance

Our products are quality approved to the internationally recognised ISO 9001-2008 standard.

With this in mind, our customers are confident that JFC products have quality and reliability built in from the start.



Mussel Floats

Overview

JFC Marine superior high performance mussel floats are designed and manufactured for the most demanding conditions. Ideal for inshore and offshore locations, they are proven in the most exposed conditions of the Atlantic Ocean and can significantly improve the profitability of mussel farming enterprises.

They have been specifically designed so that they can withstand the pressures of high waves and sit steadily on the water, even when loaded with a full crop of mussels. The polyethylene used in our floats is fortified with UV stabilisers designed especially for marine applications (UV15 rating).

Benefits

- Highly durable and reliable rotationally moulded UV stabilised polyethylene
- Increased yields and better crop performance maximising profits
- Low maintenance
- Cost effective
- Substantially increased spat collection
- Patented fin design
- Ideal for both inshore and offshore locations
- Marine Grey Colour - aesthetically appealing to surrounding environment

“JFC mussel floats clearly demonstrate that rope grown mussels from long lines using JFC mussel floats are more effective in producing higher commercial yields in a shorter time frame than for mussels stocks with similar histories using other equivalent volume floats.”

- Dr. John Bonardelli



Mussel Floats

Double Line Mussel Floats

Increased Yields & Profitability

JFC polyethylene mussel floats have the potential to substantially boost the profitability of the rope-mussels industry whilst simultaneously reducing the number of mussel floats required per site. This should assist mussel farmers in successfully applying for licenses to produce mussels as the visual impact of using JFC mussel floats on-site is minimized, addressing a key concern of some regulatory bodies.

Proven Results

JFC mussel floats have shown proven results carried out by independent trials. Internationally renowned mussel production expert Dr. John Bonardelli (a world leading independent shellfish production specialist) evaluated and compared the efficiency of JFC mussel floats compared to other similar sized floats commonly used in the rope-grown industry. A trial involving 5 experienced mussel growers in three different coastal counties was conducted across Ireland. According to Dr. Bonardelli; "JFC Mussel Floats clearly demonstrate that rope grown mussels from long lines using JFC mussel floats are more effective in producing higher commercial yields in a shorter time frame than for mussels stocks with similar histories using other equivalent volume floats".



NEW PRODUCT

330 Litre Offshore Mussel Float (MF330)

JFC is delighted to introduce our latest addition the MF330 Mussel Float - a new blow moulded manufactured mussel float

This superior performance mussel float is designed and manufactured for the most demanding conditions. Idea for inshore and offshore locations.







Patented Stability Fin



The JFC float has been specifically designed so that they can withstand the pressures of high waves and sit steadily on the water, even when loaded with a full crop of mussels. The design ensures that our floats have a low profile in the water, causing limited vertical motion and consequently reducing stress on the mussels.

In addition the fin design ensures the mussel holding lines do not brush "up and down" so preventing the crop from falling back into the sea. The end result is that mussels grown using JFC mussel floats, grow larger, have a higher meat quality, and are much less susceptible to losses. All of these factors culminate in significantly increased yields over a shorter time period for the mussel farmer and can significantly improve the profitability of mussel farming enterprises.

CODE	DESCRIPTION	DIMENSIONS (MM)	
MF80	80 Litre Inshore Mussel Float	988 L x 500 H x 425 W	
MF130	130 Litre Inshore Mussel Float	988 L x 580 H x 530 W	
MF200	200 Litre Inshore Mussel Float	1114 L x 680 H x 630 W	
MF300	300 Litre Offshore Mussel Float	1314 L x 740 H x 670 W	
MF330	330 Litre Offshore Mussel Float	1400 L x 800 H x 710 W	 NEW PRODUCT
MF400	400 Litre Offshore Mussel Float	1620 L x 900 H x 810 W	



Single Line Mussel Floats

JFC single line mussel floats can be used for both surface or submerged lines. A combination of floats can be used to either increase or reduce the level of floatation required. Eg. As seed grows and becomes heavier the larger MF250 floats can be added to achieve the optimum floatation required.

Benefits

- Ideal for collecting spat both inshore and offshore.
- Can be used for extra buoyancy on long lines.
- A combination of floats can be used to either increase or reduce the level of floatation required.
- Recyclable and low visual impact.
- Strong and durable.
- Can be used to depths of 30m+



CODE	DESCRIPTION	DIMENSIONS (MM)	
SF40	40 Litre Offshore / Inshore Submersible Mussel Float	420 Ø x 651 H	
MF250	250 Litre Offshore Mussel Float	880 Ø x 938 H	

Shrimp Grader Trays

JFC Shrimp Graders were designed and developed in consultation with BIM* specialists to deliver an efficient system to harvest market sized shrimp. Selecting shrimp at the appropriate age and size at initial capture is vital in order to achieve the maximum potential market price for the species.

JFC Shrimp grader trays are available in 3 sizes: 8mm, 9mm and 10mm sizes (including collection box). Also available is a 20mm pre-grader tray used to remove crabs or fish from the shrimp catch.

* *Bord Iascaigh Mhara - The Irish State agency with responsibility for developing the Irish Sea Fishing and Aquaculture industries.*

Benefits

- Strong and durable.
- Variety of sizes available.
- Cost effective and efficient.
- Lightweight and easy to use.
- Approved by BIM (Irish Sea Fisheries Board).
- Stackable in design facilitating sequential grading while also minimising space when not in-use.

CODE	DESCRIPTION	DIMENSIONS (MM)
BIM-8MM	8mm Grading Tray	743 L x 483 W x 174 H
BIM-9MM	9mm Grading Tray	743 L x 483 W x 174 H
BIM-10MM	10mm Grading Tray	743 L x 483 W x 174 H
BIM-20MM	20mm Grading Tray	743 L x 483 W x 174 H
BIM-FL	Flat Collection Tray	743 L x 483 W x 174 H



Fish Net Bin

JFC Fish Net Bins are ideal for a wide range of fishing-related tasks. Rotationally moulded, they are strong and durable making them ideal for harsh marine conditions.

Benefits

- Strong and durable.
- Lightweight and easy to use.
- Stackable when not in-use.

CODE	DESCRIPTION	DIMENSIONS (MM)
NB	200 Litre Fish Net Bin	635 L x 575 W x 610 H



Abalone Tanks

JFC Abalone tanks have been specially designed so that they mirror closely the natural environment for abalone on rocks and reefs. This system enables abalone to feed and grow more effectively, through minimising stress caused to the abalone by reducing the amount of handling required. These factors culminate in significantly increased growth rates and consequently increased market value of the abalone produced. JFC Abalone Tanks have been successfully used for both junior and senior abalone.

Benefits

- Strong and durable.
- Ridge areas for abalone movement.
- Easy to handle and manoeuvre.
- Economical
- Minimise stress and mortality of abalone.
- Maximise growth and yield rates.

CODE	DESCRIPTION	DIMENSIONS (MM)
AT01	Junior Abalone Tank (350L)	2000 L x 950 W x 360 H
AT02	Senior Abalone Tank (700L)	2000 L x 1100 W x 580 H

* JFC Junior Abalone tanks are ideal for raising abalone from infancy to pre-maturity stage.

** JFC Senior Abalone tanks are ideal for raising abalone from pre-maturity stages onwards.



Disinfectant Baths

Position at the entrance or exit of sensitive areas to prevent the spread of disease and infection. Suitable for use with most disinfectant solutions. Fitted with foam pad insert to reduce the amount of solution required and spillages.

CODE	DESCRIPTION	DIMENSIONS (MM)
FBP01	Disinfectant Footbath (For use with a step)	534 L x 305 W x 64 H
FBP05	Disinfectant Footbath (For use without a step)	1000 L x 580 W x 55 H
FBP06	Vehicle Disinfectant Bath	2620 L x 1010 W x 55H





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