



MARINE



Aquaculture

About Us

JFC is a global organisation renowned for its innovative, quality plastic products. With over 28 years' experience in the plastic moulding industry, JFC specialise in providing quality rotationally moulded plastic products.

In 2005, JFC established a new marine focus with the development of a range of mussel float that now delivers mussel farmers the world over many advantages. Since its 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.

Our products are also 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.

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 Us?

- We have over 28 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.



MUSSEL FLOATS

JFC 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
- Colour – Marine Grey (Aesthetically appealing to surrounding environment)

Product Code	Description	Line	Dimensions (mm)
SF40	Offshore / Inshore Submersible Mussel Float (40L)	Single	ø420 x 651
MF250	Offshore Mussel Float (250L)	Single	ø880 x 938
MF80	Inshore Mussel Float (80L)	Double	988 x 500 x 425
MF130	Inshore Mussel Float (130L)	Double	988 x 580 x 530
MF200	Inshore Mussel Float (200L)	Double	114 x 680 x 630
MF300	Offshore Mussel Float (300L)	Double	1314 x 740 x 670
MF330	Offshore Mussel Float (330L)	Double	1400 x 800 x 710
MF400	Offshore Mussel Float (400L)	Double	1620 x 900 x 810

NEW

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+



DOUBLE LINE MUSSEL FLOATS

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”.



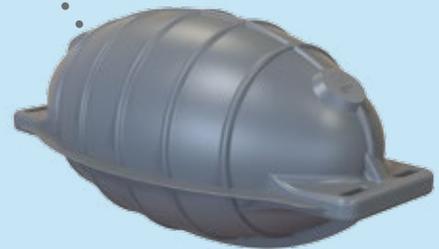
INCREASED YIELDS & PROFITABILITY

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.

MF80



MF200



MF130





MF400

MF330



MF300

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. Ideal for inshore and offshore locations.

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 patented stability fin of the JFC mussel floats ensures that our floats have a low profile in the water, causing limited vertical motion and reduced 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.



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



Product Code	Description	Dimensions (mm)
BIM-8MM	8mm Grading Tray	743 x 483 x 174
BIM-9MM	9mm Grading Tray	743 x 483 x 174
BIM-10MM	10mm Grading Tray	743 x 483 x 174
BIM-20MM	20mm Grading Tray	743 x 483 x 174
BIM-FL	Flat Collection Tray	743 x 483 x 174

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.

Product Code	Description	Dimensions (mm)	Capacity (L)
NB	Fish Net Bin	575 x 635 x 610	200

BENEFITS

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



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



Product Code	Description	Dimensions (mm)
AT01	Junior Abalone Tank* (350L)	2000 x 950 x 360 (Highest Point) 2000 x 950 x 300 (Lowest Point)
AT02	Senior Abalone Tank** (700L)	2000 x 950 x 360 (Highest Point) 2000 x 950 x 300 (Lowest Point)

*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.

PERSONNEL FOOTBATHS

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.

Product Code	Description	Dimensions (mm)
FBP01	Disinfectant Footbath (For use with a step)	534 x 305 x 64



Product Code	Description	Dimensions (mm)
FBP05	Disinfectant Footbath (For use without a step)	1000 x 580 x 55



Product Code	Description	Dimensions (mm)
FBP06	Vehicle Disinfectant Bath	2620 x 1010 x 55





MARINE

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