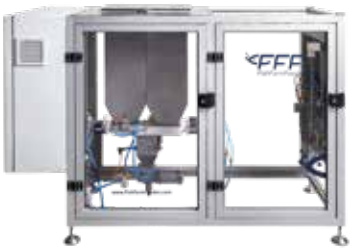
Aquaculture Feeding Systems

For Land Based, Offshore and RAS Systems.

FFF FishFarmFeeder

Hatcheries

Pellet 50-800 µm
ø Pipe 20



Dry feed

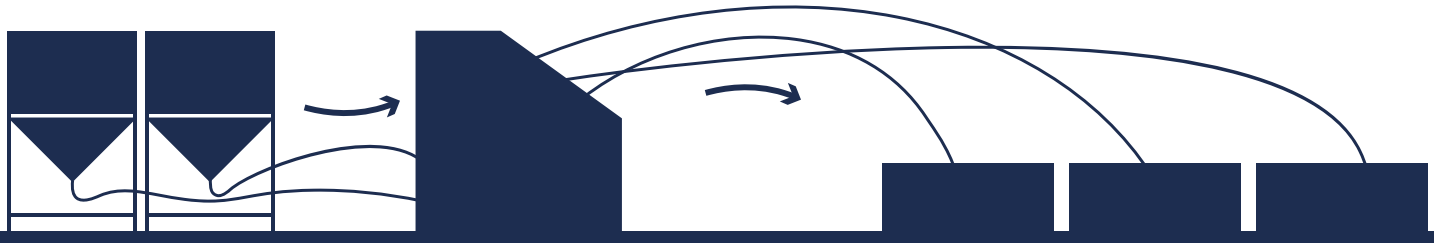
Live feed

Pre-grow

Pellet 1-4 mm.
ø Pipe 25-40

Ongrowing

Pellet 4-20 mm.
ø Pipe 50-90



The only manufacturer in the world that covers all the feeding stages of **fish and shrimp, at sea and on land.**

Hatcheries

Live Feed

Automatic feeding system of Artemia, Rotiger and Microalgae from 75 µm to 1000 µm for larvae and juveniles.

For Labs

Hatchery - LFH

	Minimum	Maximum	
Selector Matrix	6	24	Number of outlets per selector
Silo 1	Rotifer		Live Feed
Silo 2	Artemia Nauplius		Live Feed
Silo 3	Artemia Metanauplius		Live Feed
Silo 4	Other (microalgae, ...)		Live Feed
Number of doses per day	2	24	Live Feed number of doses per day
Number of Silos	1	4	Number of silos per feeder
Length of pipes	1	100	Live Feed meters length of pipes

Hatcheries

Dry Feed

Dosing of micro diets up to 800 microns.

For Labs

Hatchery - MFH

	Minimum	Maximum	
Selector Matrix	30	60	Number of outlets per selector
Size Pellet	300 µm	800 µm	Range of size of pellet to use
Feeding pipe size	20	20	mm of external diameter of HDPE pipe
Individual Dose	> 5 gr	100 gr	Size of each individual dose
Blower | Compressor	4	7,5	kW of power consumption
Number of doses per day	1	> 3000	Range of number of doses per day
Number of Silos	1	4	Number of silos per feeder
Length of pipes	1	100	Range of meters length of pipes

Pre-grow

Centralized feeding systems for pre-growing in land-based fish farms and/or RAS.

First Feeding

Customized Feeding Systems

Selector

Silos-Dosing

Blower

Nursery - FFF / Container Feeding Systems

	Minimum	Maximum	
Selector Matrix	20	200	Number of outlets per selector
Size Pellet	1 mm	4 mm	Range of size of pellet to use
Feeding pipe size	25	40	mm of external diameter of HDPE pipe
Individual Dose	> 10 gr	> 15 Kg	Size of each individual dose
Blower | Compressor	5,5	7,5	kW of power consumption
Number of doses per day	1	> 4000	Range of number of doses per day
Number of Silos	1	8	Number of silos per feeder
Length of pipes	1	400	Range of meters length of pipes

Pre-grow

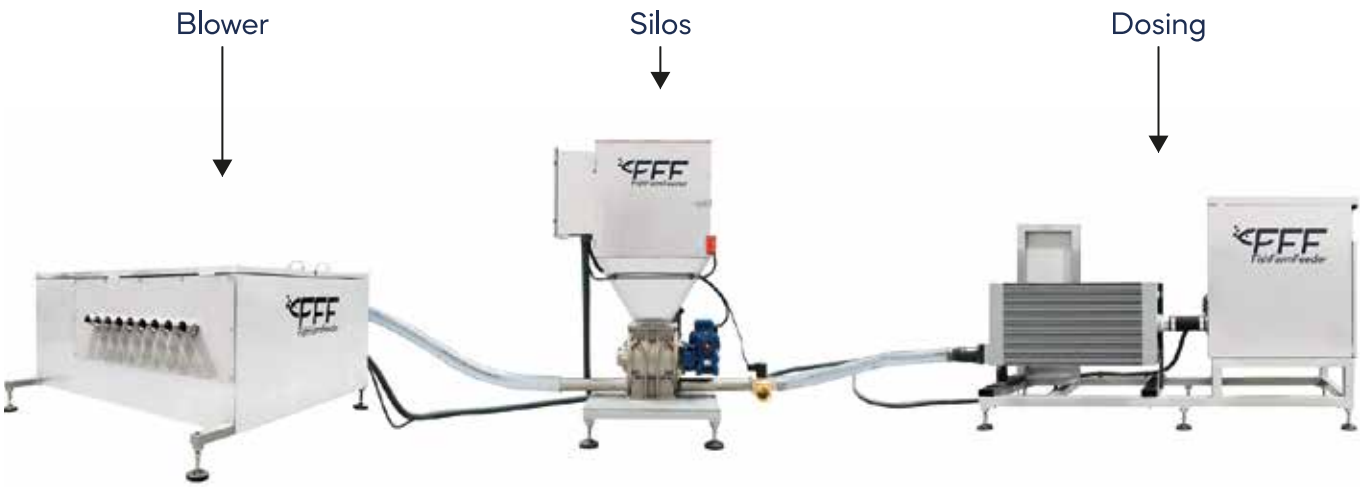
Shrimp Model

Salmon Model

Container Feeding Systems

Ongrowing

Feeding systems for ongrowing in land-based fish farms and Offshore (sea or lake cages).



Ongrowing - FFF

	Minimum	Maximum	
Selector Matrix	10	100	Number of outlets per selector
Size Pellet	4 mm	> 20 mm	Range of size of pellet to use
Feeding pipe size	50	100	mm of external diameter of HDPE pipe
Individual Dose	> 5 Kg	> 400 Kg	Size of each individual dose
Blower | Compressor	7,5	> 30	kW of power consumption
Number of doses per day	1	1440	Range of number of doses per day
Number of Silos	1	8	Number of silos per feeder
Length of pipes	1	800	Range of meters length of pipes

Ongrowing

- Pellet up to 17mm.
- ø Pipe 63
- 80 outlets

- Pellet up to 12mm.
- ø Pipe 50
- 100 outlets

- ø Pipe 50
- 8 silos I 80 outlets

Mini Feed Barge

Feeding Capacity

• Number silos:	**4**
Silo Capacity	**9 Tons.**
Total Silo Capacity	**35 Tons.**
Silo Volume	**11 m3**
Total Silo Volume	**44 m3**
• Dosers (Auger Screws)	**8**

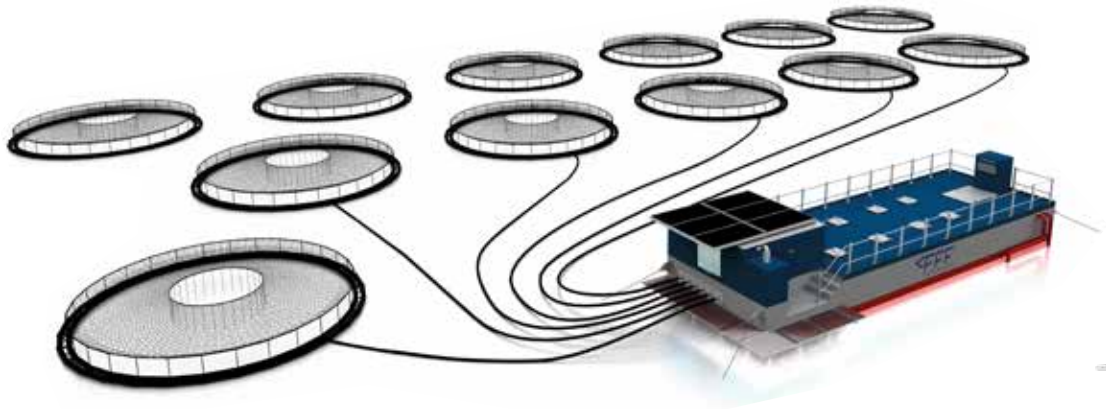
Selector

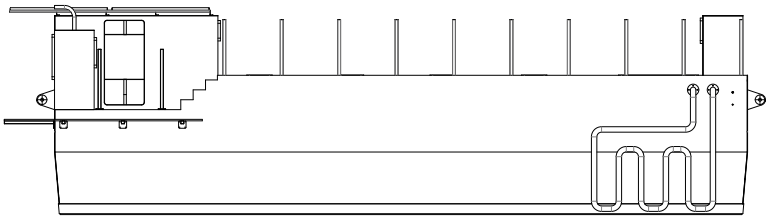
• Selector Matrix	
2 Selectors x 8 outlets	**16**
• Diameter	**75 mm.**
• Pellet Size	**>6 mm.**
• Blower 15 kW	**2**
• Feeding Rate	**50 Kg/m.**

Barge Specifications

• Generators	**1**
• Diesel tank	**1**
• Freshwater tank	**1**
• Freshwater tank, capacity (m3):	**80 l.**
• Sewage:	**1**
• Control room	**12 m^2**

Mini Feed Barge





- Length - total (LOA) **14 m.**
- Beam - total (BOA) **4,5 m.**
- Minimum freeboard **0,96 m.**
- Weight **25 Ton.**

More info: www.**feedbarge**.com

Sotfware

FishFarmFeeder includes in all its feeders a powerful and complete software for the control of the feeding through our feeders and the control of the production.

Program the feeder to send multiple doses of small quantities throughout the day or schedule larger quantities to be distributed in a few doses in a few hours.

Parameterizable for any species of fish.

Individual configuration of each tank with

- **Tank status** (ON, OFF, Stand-by).
- **Feed, FCR and distribution,** tables per tank
- Number of fish and biomass.
- Custom feeding program.
- **Tank temperature.**
- **Percentage of total feed to be given,** more or less, at the discretion of the fish farmer.
- **Types of feeding** to be used in feed, being able to mix different feeds in the same dose.
- **Feeding plan simulator** with time and quantity.

Feeding tables valid for all feed manufacturers.

FCR tables valid for all feed manufacturers.

Feeding Distribution Tables with customizable doses at any time of the day.

Standard reports and possibility to export information to Excel.

Storage of the food history.

SETUP SCADA CREATE FISHFARM DOSING PLANNING PELLETS SPECIES SENSORS HISTORICAL REPORTS

APP

The FishFarmFeeder App allows **real-time monitoring of the feeders** installed for each client. It is accessible from any **smartphone or tablet**, both for **Apple and Android.**

Access your information in real time from anywhere and at any time.

Real Time Monitoring

Warning and Alarm System

Know the State of the Feeder

Accessible through Smartphone or Tablet

Download our App and you can easily interact remotely with the feeder.

Spreaders

As important as dosing the feed is its **dispersion inside the tank**, where the feed should be distributed **covering the highest possible percentage** of tank surface.

For circular tanks

For rectangular tank

Why a Feeder ?

- FCR optimization
- Feed saving
- Labor saving
- Faster growth
- Feed traceability
- Fish traceability
- Less pollution
- Improved fish welfare
- Amortization 3 years

www.fishfarmfeeder.com

European Union

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