

FEEDMASTER™



MULTIPLE POINT DAMAGE FREE FEED DISTRIBUTION SYSTEM



ETI'S RUGGED DESIGN AND PATENTED ENGINEERING
MAKE FEEDMASTER™ THE INDUSTRY'S MOST POWERFUL,
MOST RELIABLE AUTOMATIC FISH FEEDING SYSTEM

FEEDMASTER™

POWERFUL AUTOMATED FEEDING

FEEDMASTER™ is the world's most advanced, most powerful automatic fish feeding system. Designed specifically for the rigors of the aquaculture industry, FEEDMASTER™ transfers more feed, more easily than any other feeding system.

POWERFUL

FEEDMASTER's 20 hp, electric or diesel blower motor moves feed through 3" diameter hose; the industry's largest. Plus, FEEDMASTER™ feeds more than 100kg/minute at a distance of up to 1000 meters.

DAMAGE FREE

Careful engineering provides damage-free transfer. FEEDMASTER's blower provides high air pressure at a low temperature, minimizing feed degradation and release of fats and oils. In hotter climates, our water delivery system prevents feed break up during transfer to ensure quality feed delivery. Plus, precise component alignment ensures that feed is not damaged during transfer.

ADVANCED

Computerized operation allows you to control, troubleshoot, and adjust feeding parameters with a single click of a button.



FEEDMASTER™ automatically calculates the daily growth of your fish and the amount of feed needed each day. The system also generates printed reports of daily activities.

EASY TO USE

Touch screen tablet based controls make FEEDMASTER'S computer control system extremely easy to use. Plus, FEEDMASTER's software allows you support up to nine feeders.

HIGH CAPACITY

Feed storage silos are built with marine-grade aluminum and hold more than 20 tons of feed pellets. Or, FEEDMASTER™ supports your existing silos. The system also feeds 16, 24, and 32 cage operations.

TOUGH

Carburized, precision-ground timing gears are quiet and durable. Drive shaft and rotors use oversized bearings for long life. Plus, lube chambers are isolated by Viton lip seals, and blower end plates are vented to reduce seal pressure.



FEEDMASTER™ LINEAR DISTRIBUTION 10 PORT SELECTOR

All aluminum construction provides durability. When paired with a silo, it can accommodate many different feed sizes. Daisy-chain additional selectors to expand coverage to suit your farm's needs. Connecting a FEEDMASTER™ broadcaster to the end of each selector allows you to send a specific size feed to a specific point.

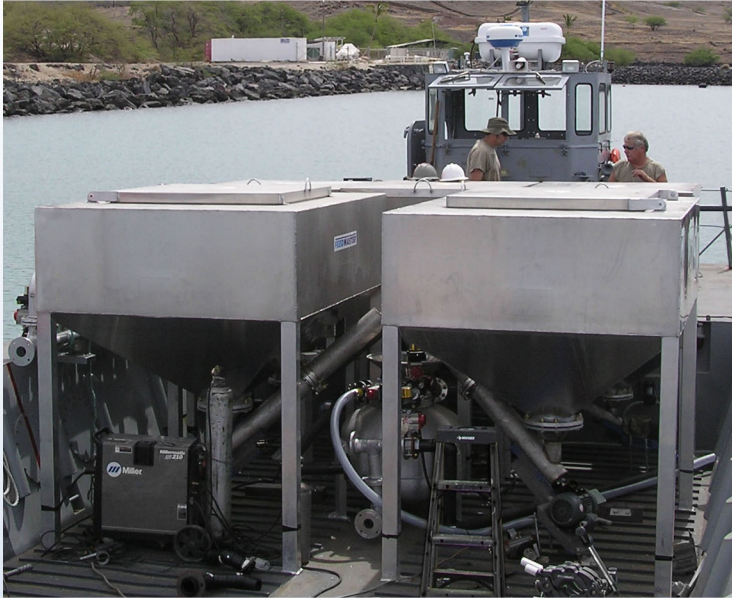
FEEDMASTER™ AUTOMATIC BROADCASTER WITH METERED DOSING

Indoor automatic feeder that can be used independently or connected to a centralized FEEDMASTER™ 10 PORT SELECTOR. Handles granule and pelletized feed from 0.5 mm to 3.0mm in size.



FEEDMASTER™

PATENTED DESIGN, RUGGED DURABILITY



HERE'S HOW FEEDMASTER'S EXCLUSIVE DESIGN WORKS:

FEEDMASTER™ is equipped with custom designed hoppers to fit any operation. Each silo utilizes a rotary airlock feeder assembly to ensure that precise feed amounts are transferred.

Varying blower speeds allow custom control of pellet velocity at each cage. And, the system's electronic encoders are precise to the 1/1000th of an inch, which means feed is mechanically accurate on delivery. Additionally, the rotary feed valve is designed for easy clean-out and maintenance.

FULLY PROGRAMMABLE, CUSTOM CONTROL

A Programmable Logic Controller (PLC) provides fully automatic feeding for maximum flexibility and simple troubleshooting. Or, the operator can adjust program instructions via FEEDMASTER's control window. Custom control screens are configured individually at the factory for each farm site, which means that your specific farm parameters are imbedded in the software.



FEEDMASTER UNIPAK™ model is designed for easy installation on barges or shore-based facilities, allowing for controlled positioning of the blower, indexer, controls and feed silos. All housed in a weather-tight container. All FEEDMASTER™ units are equipped to accept on-site electrical, diesel generator or direct diesel power.

THERE'S A FEEDMASTER FOR EVERY APPLICATION

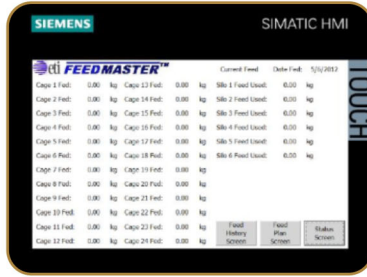
CONTACT US TO DISCUSS YOUR SPECIFIC APPLICATION - PHONE: 253-804-2507 EMAIL: SALES@TRANSVAC.COM

CUSTOM TOUCH SCREEN INTERFACE

FEEDMASTER™ COMES EQUIPPED WITH THE LATEST CUSTOMIZED TOUCH SCREEN TECHNOLOGY FOR PORTABLE, FAST CUSTOM FEED CONTROL.

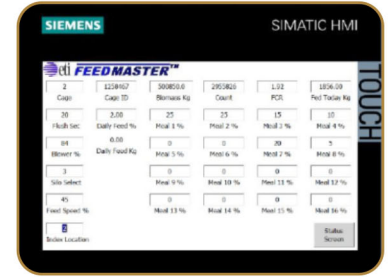
FULL REPORT WINDOW

Displays on one screen comprehensive information from Fish/Feed Data Windows (described above). Also allows operator to feed an individual cage from the feeder and adjust flush times.



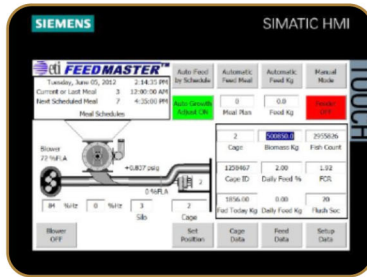
SINGLE PARAMETER WINDOW

Operator can select any individual cage and quickly view custom data and change the selected parameter. Allows easy adjustment of the same parameter at multiple cages.



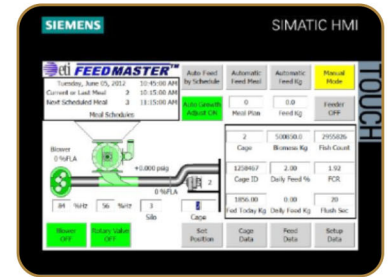
FEEDER WINDOW

Shows options to adjust appetite factor for all cages, adjust for sea water temperature, adjust feed quantities, view calculated bio mass, daily feed plan, feed available per silo, sluice valve capacity and air valve position.



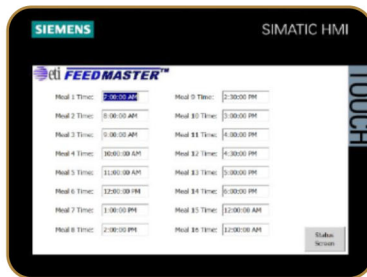
FEEDING TIME PLANS

Operators can select one of eight pre-programmed feeding time plans or produce custom feeding plans. FEEDMASTER™ will feed automatically according to the specified plan.



FISH/FEED DATA

Shows all feed data, including hand-fed and automatic daily feed amounts, activity factors, feed plans, feed silo(s) used, and more. Plus calculates all critical fish information: number of fish, average weight and daily cumulative dead fish totals.



ETI ALSO BUILDS AQUACULTURE'S #1-SELLING FISH PUMP

ETI's patented SILKSTREAM™ is the world's #1 selling aquaculture pump. The SILKSTREAM'S specialized venturi head provides a smooth, continuous flow, virtually eliminating any damage or stress to your live fish. Call or email ETI for more information on the SILKSTREAM™ aquaculture fish pumping system.



environmental technologies inc.



WORLD LEADERS IN STATE OF THE ART FISH TRANSFER AND AQUACULTURE FEEDING SYSTEMS

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