

“The Ultimate Destination for Endless Technology”

DESIGN



```

-- Create table
CREATE TABLE `person` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(255) NOT NULL,
  `age` int(11) NOT NULL,
  `sex` enum('male','female') NOT NULL,
  `email` varchar(255) NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY (`email`)
) ENGINE=InnoDB;

-- Insert data
INSERT INTO `person` (`id`, `name`, `age`, `sex`, `email`) VALUES
(1, 'John', 30, 'male', 'john@example.com'),
(2, 'Jane', 25, 'female', 'jane@example.com'),
(3, 'Mike', 35, 'male', 'mike@example.com'),
(4, 'Sarah', 28, 'female', 'sarah@example.com'),
(5, 'David', 32, 'male', 'david@example.com');

-- Query
SELECT * FROM `person` WHERE `age` > 30;

-- Update data
UPDATE `person` SET `age` = 31 WHERE `id` = 1;

-- Delete data
DELETE FROM `person` WHERE `id` = 5;

```

SOFTWARE

AQUACULTURE EQUIPMENT



| Technology | Design | Analytical | Economic |

FISH FEEDING EQUIPMENT

FISH FEEDING EQUIPMENT

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ABOUT US

ESTABLISHMENT

Founded in 2009, SAVELSAN started its operations with R&D activities and has successfully carried out remarkable projects in the field of domestic and national high-tech systems. Our company, which has adopted continuous improvement and quality as its core principles, continues its investments in machine design, software, electronics, and manufacturing. We design, manufacture, and deliver customized machine solutions tailored to your specific needs in various industries, helping you simplify your operations and reduce production costs within the shortest possible time.

OUR MISSION

- With our approach of always aiming for excellence and our strong operational expertise, our goal is to be an organization that meets our customers' expectations at the highest level and continuously improves this capability.
- To be accurate, reliable, and committed to continuous improvement. To become a solution partner for the companies we work with. While achieving this, we remain committed to our principles of providing competitive prices and high-quality materials in today's rapidly changing market, where competition is increasing and profit margins are continuously decreasing.
- To maintain the highest level of service standards for the products we sell, both in terms of technical support and logistics.
- To contribute added value to the national economy while providing all these services.

OUR VISION

- To be an organization that continuously aims to improve its processes and reduce costs through advanced technology, high quality, and innovative approaches in both national and international markets.
- To ensure the delivery of accurate and reliable solutions in accordance with standards and acceptable quality requirements by utilizing the opportunities provided by advancing technologies, while achieving customer satisfaction.
- To provide all kinds of technical and related support for the projects we have completed and will undertake.

OUR QUALITY POLICY

- To be competitive in the global market through our product quality, reliability, and experience.
- To adopt a customer-oriented quality approach throughout our entire organization.
- To improve our quality system and production efficiency by providing the necessary technological investments and training.
- To ensure that quality is not considered as an achieved and maintained level for our company, but as a continuously evolving and renewing target shaped by global developments and changing conditions.

FISH FEEDING UNIT

The feeding machines we offer as solutions for aquaculture producers are portable, modular systems that can be easily installed on boats. They are user - friendly and require minimal maintenance. They can be mounted on all types of metal, wooden, HDPE, and fiberglass boats. Feed tanks are manufactured with stainless steel or carbon steel options. In addition, customized models can be designed according to the customer's specific capacity and tonnage requirements.



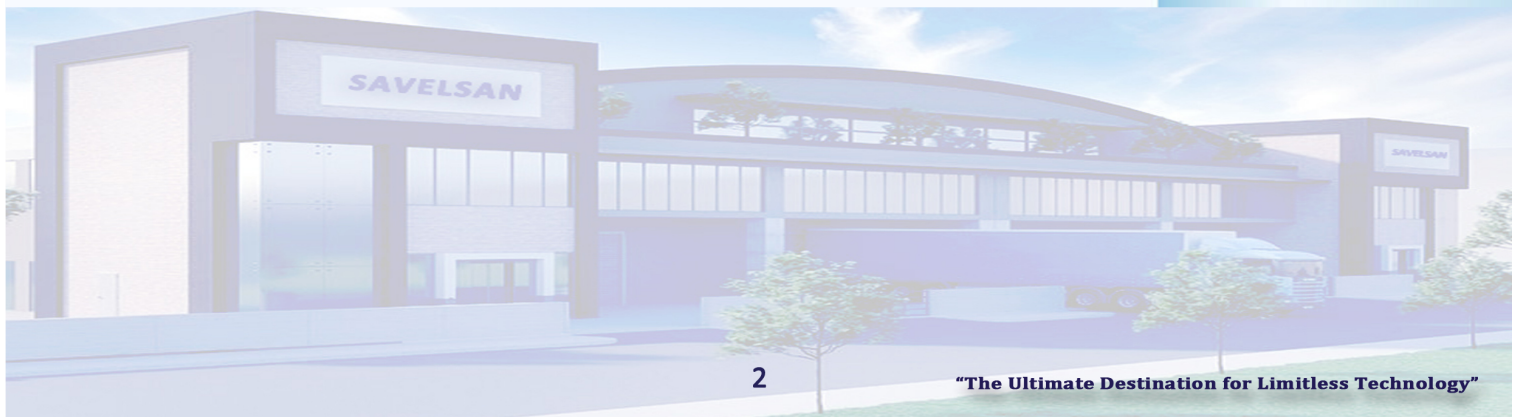
FISH FEEDING UNIT				SPECIFICATIONS
MODELS	FU-102E	FU-204E	FU-207E	FU-209E
Capacity	2,5 Ton	4 Ton	7 Ton	9 Ton
Number of Silos	Single	Double	Double	Double
Feeding Quantity	1,5 - 3,5 kg/Contour	1,5 - 3,5 kg/Contour	1,5 - 3,5 kg/Contour	1,5 - 3,5 kg/Contour
Body Structure	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
Paint	Industrial Epoxy	Industrial Epoxy	Industrial Epoxy	Industrial Epoxy
Çalışma Voltajı	380 V Trifaze	380 V Trifaze	380 V Trifaze	380 V Trifaze
Airlocks	AL-DC24 & AL-55	AL-55 & AL-75	AL-55 & AL-75	AL-55 & AL-75
Airlock Power	600 W & 0,55 kW	0,55 kW & 0,75 kW	0,55 kW & 0,75 kW	0,55 kW & 0,75 kW
Blower	BF-75, BF-110, BF-150, BF-185	BF-150, BF-185, BF-220	BF-150, BF-185, BF-220	BF-150, BF-185, BF-220
Blower Güç	7,5 - 11 - 15 - 18,5 kW	15 - 18,5 - 22 kW	15 - 18,5 - 22 kW	15 - 18,5 - 22 kW
Blower Air Flow R.	2300 - 3000 - 3720 m³/h	3000 - 3720 - 4400 m³/h	3000 - 3720 - 4400 m³/h	3000 - 3720 - 4400 m³/h
Operating System	KMD-SG24 STD Control	KMD-SG24 STD Control	KMD-SG24 STD Control	KMD-SG24 STD Control
Yem Sayacı	Programmable Counter	Programmable Counter	Programmable Counter	Programmable Counter
Feed Discharge Lock	Optional	Optional	Optional	Optional
Feed Pipe Diameter	110 mm	110 mm	110 mm	110 mm
Servis Merdiveni	Available	Available	Available	Available
Dimensions	1800 x 1800 x 2300 mm	2400x 1800 x 2500 mm	3200x 1800 x 2500 mm	3800x 2200 x 2700 mm

We offer operation model options with diesel or electric drive systems. The amount of feed delivered can be monitored through the feed counters. The number of feeding barges in a single unit can be customized and manufactured from 1 to 12 units according to customer requirements. All of these units are equipped with a manual control system.



FEEDING UNIT MODELS

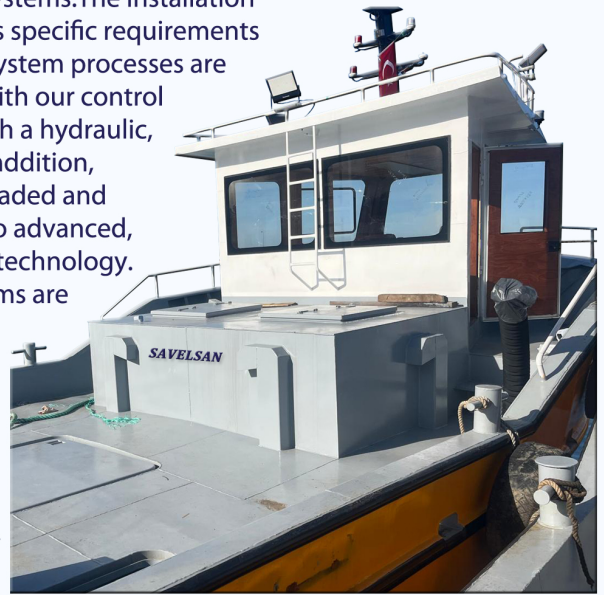
FFU series						SPECIFICATIONS
AIR LOCK	BLOWER					MECHANICAL DRIVE TYPE
AL- DC24	BF-75/D	BF-110/D	BF-150	--	--	DIESEL DRIVE
AL-55	BF-75/D	BF-110/D	BF-150	BF-185	--	380V TRİFAZE ELECTRIC
AL-75	--	BF-110	BF-150	BF-185	BF-220	380V TRİFAZE ELECTRIC
AL-110	--	--	--	BF-185	BF-220	380V TRİFAZE ELECTRIC
ALC-110	--	--	--	BF-185	BF-220	380V TRİFAZE ELECTRIC



FEEDING VESSEL SYSTEMS

For feeding barges integrated into a vessel's hull, the feeding system is designed and installed according to the vessel's structural configuration and the availability of existing onboard equipment, such as generators and auxiliary systems. The installation process is customized to meet each customer's specific requirements and the capabilities of the existing vessel. All system processes are engineered accordingly and fully integrated with our control system. The feeding unit can be configured with a hydraulic, 380 V electric, or 24 V electric drive system. In addition, existing onboard feeding systems can be upgraded and modernized by our team, converting them into advanced, control-based feeding systems with the latest technology. Detailed models of our onboard feeding systems are presented below.

Since the feed capacity varies depending on the vessel size, structure, and design, a fixed capacity value cannot be specified. These vessels, which are built according to customer requirements, are designed with barge sizes determined based on the owner's preferences. The most suitable feeding unit system is recommended and implemented according to the vessel's capacity and operational requirements.



ONBOARD FEEDING UNIT MODELLING

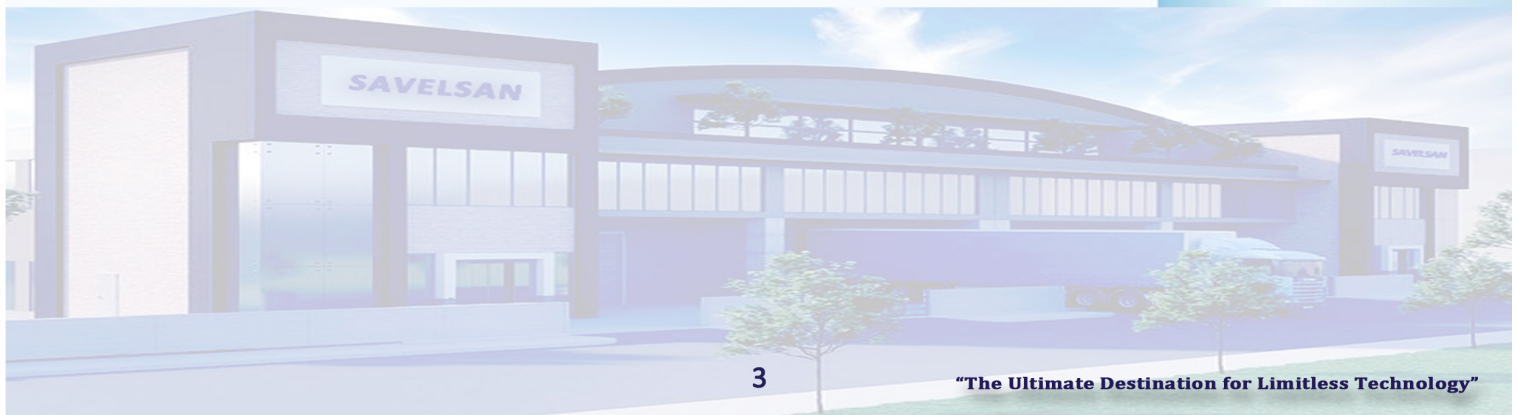
FFU series						SPECIFICATIONS
AIR LOCK	BLOWER					MECHANICAL DRIVE TYPE
AL- DC24	BF-75/D	BF-110/D	BF-150	--	--	DIESEL DRIVE
AL-55	BF-75/D	BF-110/D	BF-150	BF-185	--	380V TRİFAZE ELECTRIC
AL-75	--	BF-110	BF-150	BF-185	BF-220	380V TRİFAZE ELECTRIC
AL-110	--	--	--	BF-185	BF-220	380V TRİFAZE ELECTRIC
ALC-110	--	--	--	BF-185	BF-220	380V TRİFAZE ELECTRIC



All feeding units are controlled by our own-manufactured handheld remote control, which is highly durable, technologically advanced, and designed to allow easy operation by a single person.

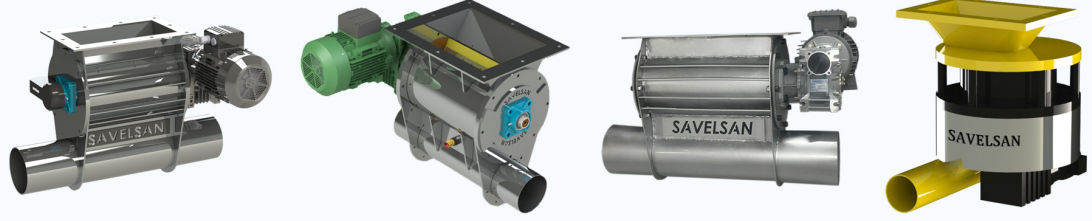
This programmable controller, equipped with multiple functions, has been specially developed for feeding units to ensure a more controlled, efficient, and user-friendly feeding process.

The SSH operation is very easy to use, and software updates do not create any additional costs. No fees are charged for software updates.



AIRLOCK

Our airlocks are classified according to their capacities and stand out from competitors thanks to their specially designed structural features. The flange seals and fiber rubber components provide near - zero leakage performance while significantly extending maintenance intervals. The internal and external structures of all our models are manufactured from stainless steel.



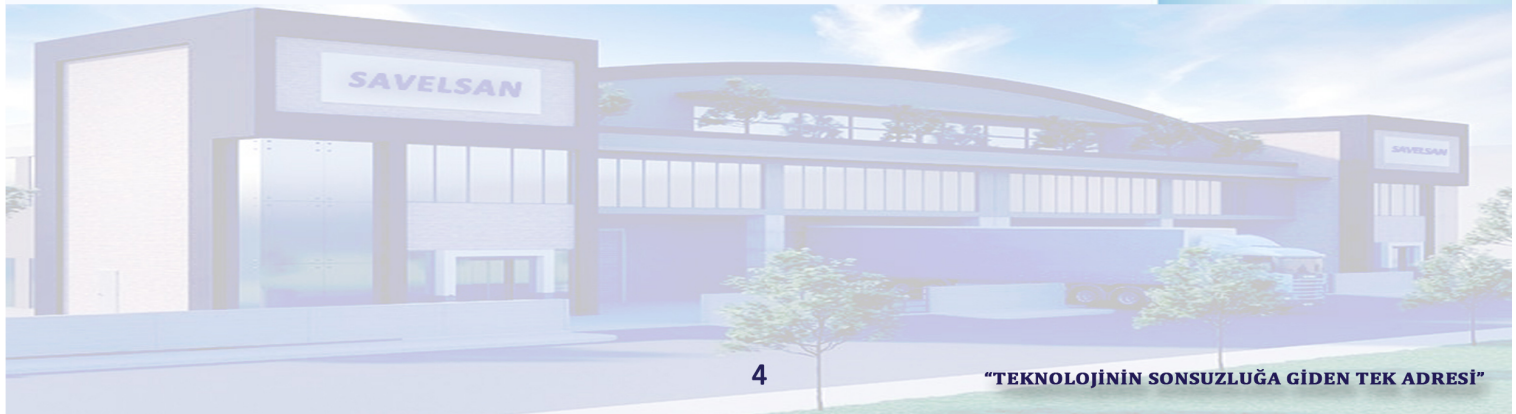
AIRLOCKS		SPECIFICATIONS			
SAVELSAN	AL-DC24	AL-55	AL-75	AL-110	ALC-110
304 Stainless Steel	DN100	DN125	DN150	DN200	DN200
Phase Type	DC	Trifaze	Trifaze	Trifaze	Trifaze
Voltage	24 V	380 V	380 V	380 V	380 V
Power	600 W	0,55 kW	0,75 kW	1,1 kW	1,1 kW
Max. Capacity	1,5 kg/counter	2,5 kg/counter	3,2 kg/counter	5,1 kg/counter	5,1 kg/counter
Number of Blades	5	5	6	7	5/7 Çift Kanat
Sensor	--	--	--	--	Var
Out Diameter	3 inç	4 inç	5 inç	6 inç	6 inç
Sealing Gasket	Available	Available	Available	Available	Available
Rotation Sensor	Limitsw	Limitsw	Limitsw	Limitsw	Limitsw

BLOWER

High-pressure blowers are classified according to their power ratings and are available with diesel, hydraulic, or electric drive options. Thanks to their specially designed structure, they feature a self-cleaning rotor system.



BLOWER		SPECIFICATIONS					
SAVELSAN	BF-75D	BF-75	BF-110D	BF-110	BF-150	BF-185	BF-220
Drive Type	Dizel	Elektrik	Dizel	Elektrik	Elektrik	Elektrik	Elektrik
Voltage	--	380 V	--	380 V	380 V	380 V	380 V
Power	7,5 kW	7,5 kW	11 kW	11 kW	15 kW	18,5 kW	22 kW
Rotational Speed	2850 rpm	2850 rpm	2850 rpm	2850 rpm	2850 rpm	2850 rpm	2850 rpm
Air Flow Rate	1500 m³/h	1500 m³/h	2300 m³/h	2300 m³/h	3000 m³/h	3720 m³/h	4400 m³/h
Pressure	10670 Pa	10670 Pa	11430 Pa	11430 Pa	12090 Pa	14920 Pa	16232 Pa



HANDHELD REMOTE-CONTROLLED FEEDING UNIT SYSTEM

Our control system, developed by our company and specially manufactured for feeding units, reduces the need for manual labor during the feeding process while providing the ability to make instant interventions whenever required.



It enables a controlled and efficient feeding process. Since all controls (speed, operation, counter, etc.) are integrated into the handheld controller, there is no need for a second operator to perform adjustments or monitoring from the control panel. Having the counter integrated into the controller and synchronized with the feeding unit makes the tracking and control process more effective. The software and electronic structure inside the controller do not affect the operation of the unit and also allow manual operation when required. Routing the cable lines through spiral protective conduits eliminates potential issues such as damage, breakage, or external impacts, ensuring a safer and more reliable connection.



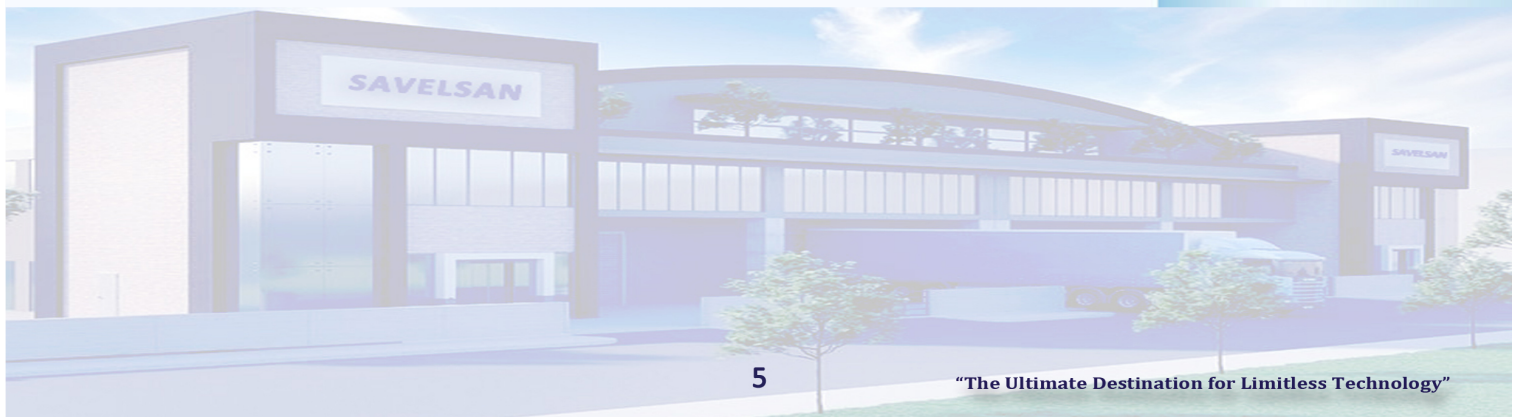
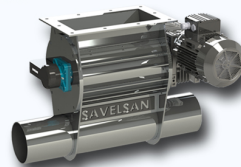
Technological Advantages

- KMD-SG24 STD Handheld Remote Control
- ASA Plastic Housing
- Blower Speed Control Potentiometer
- Airlock Speed Control Potentiometer
- Airlock Selection Commutator
- Blower-Airlock Continuous Trigger Switch
- Airlock Spring-Loaded Trigger Button (Pulse)
- Emergency Stop
- Airlock Jamming Warning System **
- Anti-Jamming Auger Trigger Switch **
- 7-Segment Display Counter Screen
- Counter Reset Function
- Programmable Countdown Counter
- ARM STM CPU Processor
- 24 Volt Triggering Voltage
- Indicator Lamps
- Ergonomic Design
- Spiral-Protected Controller Cable
- Ability to Control Up to 12 Barge Airlocks



Advantages

Controller Control: During the feeding process, it enables a single operator to manage the entire feeding operation without the need for multiple personnel. Real-time intervention and counter monitoring provide effective control, while its advanced features make the feeding process easier and more efficient.



HANDHELD REMOTE-CONTROLLED FEEDING UNIT SYSTEM

Safe Voltage: Since feeding operations are performed in seawater environments, where electrical conductivity is very high, the controller and cable that are handled by the operator are designed to operate at a safe voltage level of 24 V. Therefore, the risk of electric shock is eliminated. The system complies with European safety standards.

Speed Adjustments: Thanks to the adjustable speed control of the airlocks and blower, the system allows feed to be distributed in the desired quantity and distance. This adjustment can be precisely controlled and instantly modified through the handheld controller during operation.

Controller-Mounted Feed Counter: Thanks to the integrated feed counter on the handheld controller, the amount of feed can be monitored instantly during operation. Unlike traditional systems where the counter is located on the control panel, this design eliminates the need for a second operator to monitor the feeding process.

Airlock Anti-Jamming System: The main cause of airlock jamming is the introduction of feed in to the discharge pipe before the blower is activated, which prevents the airlocks from operating properly (excluding foreign materials present in the feed). To prevent this issue, the airlocks cannot be activated unless the blower is running. This safety feature ensures reliable operation and helps protect the feeding system against possible blockages.

Pulse Button: During the feeding process, the Pulse Button allows the operator to instantly intervene during adjustments of the hose position, feed quantity, and feed throwing distance. This prevents unintended feed discharge while settings are being adjusted, ensuring that feed is not accidentally distributed to undesired areas.

Emergency Stop: In the event of an emergency or any unsafe operating condition, the entire system can be stopped immediately using the emergency stop button on the control unit. When the Emergency Stop is activated, all electrical power is disconnected from the system except for the supply voltage to the feeding unit, ensuring that no voltage is present in any other cables or equipment.

Air Lock Selection: The control unit allows the operator to easily switch between the air locks installed on the feeding unit and activate the selected one. Up to 12 air locks can be individually controlled and managed through the control unit.

Countdown Feed Counter: The feed counter value for each registered cage is stored in the control unit's memory. Once feeding starts, the system automatically counts down the preset value for the selected cage. When the counter reaches zero, the feeding operation stops automatically. This feature simplifies feed management, improves feeding accuracy, and makes the feeding process easier to monitor and control.

Indicator Lights: The indicator lights on the control unit clearly display the operating status of each system component, allowing the operator to quickly identify which components are active. This feature simplifies system monitoring and enhances operational control.

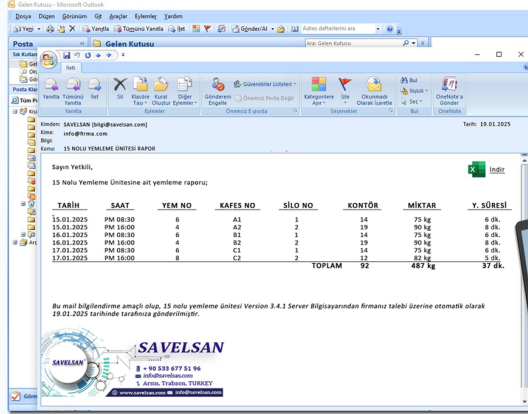
Vibration System: The vibration system is an optional feature equipped with an ON/OFF switch on the control unit. In the event of feed bridging or blockage inside the hopper, the system applies gentle vertical vibrations to keep the feed flowing freely toward the airlock inlet, preventing blockages. It can also be configured to activate automatically whenever a blockage is detected.



COMPUTERIZED HANDHELD REMOTE CONTROL SYSTEM

The control system developed by our company and specially manufactured for feeding units reduces the need for manual labor during the feeding process. Thanks to its instant intervention features, it enables a more controlled and efficient feeding operation. Since all controls (Speed, Transfer, Counter, etc.) are integrated into the control unit, there is no need for a second operator to make adjustments or perform monitoring from the electrical panel. The integration of the counter into the control unit and its synchronized operation with the feeding unit make the monitoring and control process more effective, providing easier tracking and management of the feeding operation.

In addition to all these advantages, the system can measure the amount of feed dispensed and calculate the consumption based on counter value, feed size, and kg factors. It also provides the option to automatically send e-mail or message notifications to the relevant personnel. This feature helps users analyze feeding costs and generate detailed feeding reports. Thanks to its SQL-based data storage capability, historical feeding data can be archived, reported, and analyzed whenever required.



The software integrated into the control unit does not interfere with the operation of the feeding unit and allows the system to be operated manually when required. The cables are routed through spiral protective conduits, preventing potential issues such as damage, breakage, or external impacts, ensuring a safer and more reliable installation.

Technological Advantages

- KMD-SG24 ITS Handheld Remote Control
- Plastic Housing
- Blower Speed Control Potentiometer
- Air Lock Speed Control Potentiometer
- Air Lock Selection Switch
- Blower & Air Lock Continuous Trigger Switch
- Air Lock Spring-Loaded Trigger Button (Pulse)
- Emergency Stop
- Air Lock Blockage Warning System **
- Anti-Blockage Auger Trigger Switch **
- 7-Segment Dual Counter Display
- SQL-Based Feeding Monitoring and Information System (ITS)
- Wireless Communication via SIM Card or Wi-Fi
- Backward Programmable Counter
- ARM STM CPU Processor
- 24 Volt Triggering Voltage Indicator Lamps
- Ergonomic Design
- Spiral-Protected Control Cable
- Control of Up to 12 Barge Air Locks



HANDHELD REMOTE-CONTROLLED FEEDING UNIT SYSTEM

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Information System (ITS): The system calculates feeding data based on counter value, feed size, and kg factors, and provides the ability to automatically send e-mail or message notifications to relevant personnel. This feature helps users analyze feeding costs and generate detailed feeding reports. Thanks to its SQL-based data storage capability, historical feeding data can be archived, reported, and analyzed whenever required.



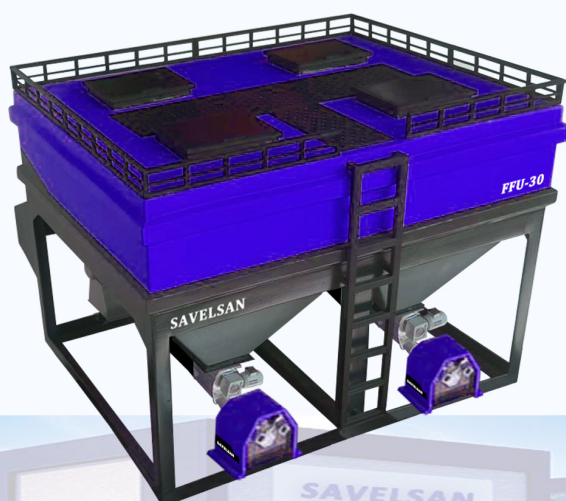
FFU FEEDING UNITS

In addition to the feeding machines we offer as solutions for aquaculture producers, our units have been specially designed for use in dam cages, as well as in earthen and concrete ponds. We provide a wide product range with feed storage capacities ranging from 15, 30, and 45 tons and options for 2, 4, or 6 feed barges. These systems are the land-based versions of the feeding barge systems used in marine aquaculture. They provide significant advantages in terms of labor reduction, cost efficiency, data recording and analysis, programmable feeding schedules, and feeding combinations, ensuring ease of operation. The systems are designed for the automatic feeding of cages located at distances of less than 400 meters from shore using 5x1 matrix selectors, as well as for earthen and concrete ponds using 1x5 or 1x2 matrix selector models.

FFU FEEDING UNITS			SPECIFICATIONS	
MODELS	FFU-15	FFU-30	FFU-30s	FFU-45s
Capacity	12.000 kg	12.000 kg	30.000 kg	45.000 kg
Number Of Silos	2 Adet	4 Adet	4 Adet	6 Adet
Silo Capacity	7.500 kg/Quantity	7.500 kg/Quantity	7.500 kg/Quantity	7.500 kg/Quantity
Silo Volume	9,6 m ³ /Quantity	12 m ³ /Quantity	12 m ³ /Quantity	12 m ³ /Quantity
Control System	STD Control Unit	STD Control Unit	ITS Control Unit	ITS Control Unit
Air Lock	AL-55 & AL-75	AL-55 & AL-75	AL-75 & ALC110	AL-75 & ALC-110
Number Of Air Locks	2 Adet	4 Adet	4 Adet	6 Adet
Blower	22 kW	30 - 45 kW	30 - 45 kW	45 kW
Number Of Blowers	1 Quantity	2 Quantity	2 Quantity	3 Quantity
Number Of Selectors	2 Quantity	2 Quantity	2 Quantity	2 Quantity
Selector	2x1 Matrix	2x1 Matrix	5x1 Matrix	5x1 Matrix
Voltage	380 V	380 V	380 V	380 V
Unit Dimensions	300 x 4500 x 300 cm	600 x 450 x 300 cm	600 x 450 x 300 cm	600 x 675 x 300 cm
304 Stainless Steel	--	--	Optional	Optional

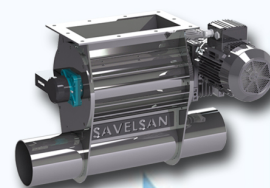


The FFU-15 and FFU-30 models are designed for use in earthen and concrete ponds. are manufactured with either KMD-SG24 ITS or KMD-SG24 STD handheld remote control systems. Thanks to their specially designed air locks, these units provide highly accurate feeding operations with minimal error deviation. As an optional feature, the system provides feed cost data and enables feed analysis based on day/month/year (DD/MM/YY) time periods, allowing more effective monitoring and management of feeding performance.



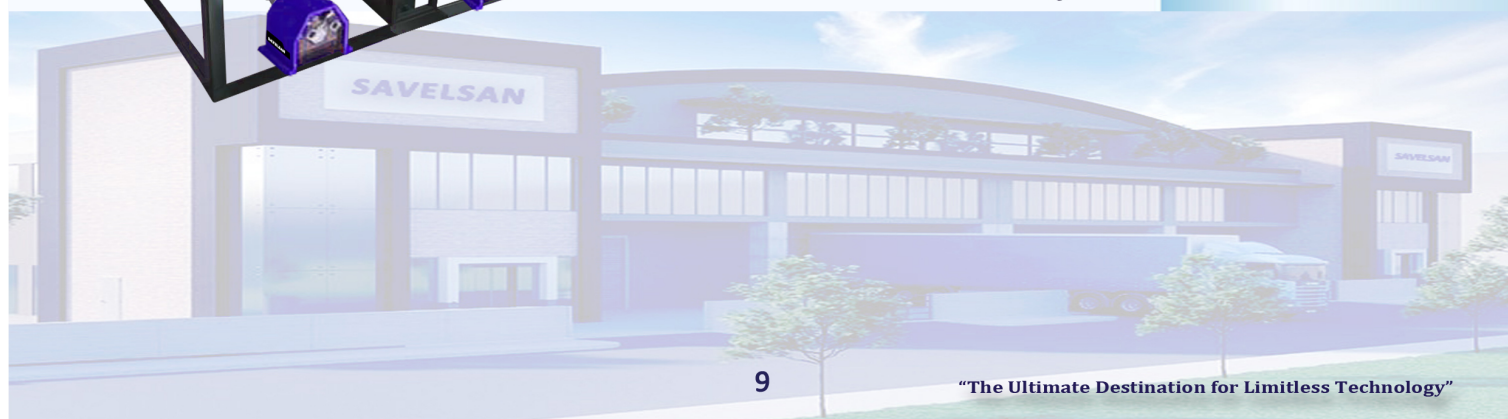
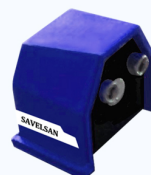
Air Lock

- 304 Stainless Steel
- 5.6 - 10.8 Tons/Hour Capacity
- 0.75 - 1.1 kW Three-Phase Motor
- Sealed Gasket Structure
- Easy Maintenance Feature



Selector

- Selector Matrix 1 x 2
- Diameter 100 mm
- Feed Size >10 mm
- Feeding Rate 75 kg/m



FFU FEEDING UNITS

The FFU-30S and FFU-45S models are designed for use in cage aquaculture operations in dams, lakes, and ponds. They enable the feeding of fish cages located at a maximum distance of 400 meters from the shore. Thanks to their user-friendly operation, programmable feeding schedules, and combination options, these units provide highly accurate feeding performance with minimal error deviation through specially designed dosing locks. With the ITS system feature included in these models, feed cost data and feed analyses based on DD/MM/YY time periods are provided as standard.

FFU FEEDING UNITS			SPECIFICATIONS	
MODELS	FFU-15	FFU-30	FFU-30s	FFU-45s
Capacity	12.000 kg	12.000 kg	30.000 kg	45.000 kg
Number Of Silos	2 Adet	4 Adet	4 Adet	6 Adet
Silo Capacity	7.500 kg/Quantity	7.500 kg/Quantity	7.500 kg/Quantity	7.500 kg/Quantity
Silo Volume	9,6 m ³ /Quantity	12 m ³ /Quantity	12 m ³ /Quantity	12 m ³ /Quantity
Control System	STD Control Unit	STD Control Unit	ITS Control Unit	ITS Control Unit
Air Lock	AL-55 & AL-75	AL-55 & AL-75	AL-75 & ALC110	AL-75 & ALC-110
Number Of Air Locks	2 Adet	4 Adet	4 Adet	6 Adet
Blower	22 kW	30 - 45 kW	30 - 45 kW	45 kW
Number Of Blowers	1 Quantity	2 Quantity	2 Quantity	3 Quantity
Number Of Selectors	2 Quantity	2 Quantity	2 Quantity	2 Quantity
Selector	2x1 Matrix	2x1 Matrix	5x1 Matrix	5x1 Matrix
Voltage	380 V	380 V	380 V	380 V
Unit Dimensions	300 x 4500 x 300 cm	600 x 450 x 300 cm	600 x 450 x 300 cm	600 x 675 x 300 cm
304 Stainless Steel	--	--	Optional	Optional



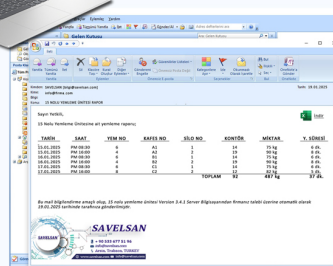
ALC-100 Dosing Unit

Number Of Dosing Units	4 Quantity
Dosing Power	1,1 kW
Capacity	30 kg/min.
Pellet Size	1,2 - 12 mm



Selector

Selector Matrix	1 x 5
Diameter	100 mm
Feed Size	>10 mm
Feeding Rate	75 kg/m



FISH FEEDING BARGE

A wide range of feed barges is offered with feed storage capacities ranging from 120 to 400 tons. Depending on the storage capacity and model, the systems are equipped with 4 to 12 feed barges. In addition to feed storage capacity, the barges also provide various storage options for silage, industrial water, drinking water, and fuel, depending on the selected barge model.



Capacity

Feed Capacity	300 Tons
Number Of Barges	8 Units
Number Of Dosing Units	8 Units
Number Of Air Locks	4 Units
Max. Number Of Ponds	20 Units

Barge Dimensions

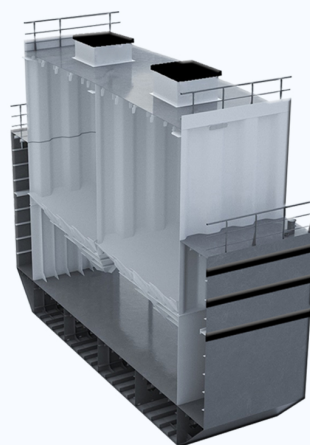
Length (LOA)	23.8 m
Beam (BOA)	12 m
Draft Height	4 m
Empty Weight	105 Tons

Marine Crane

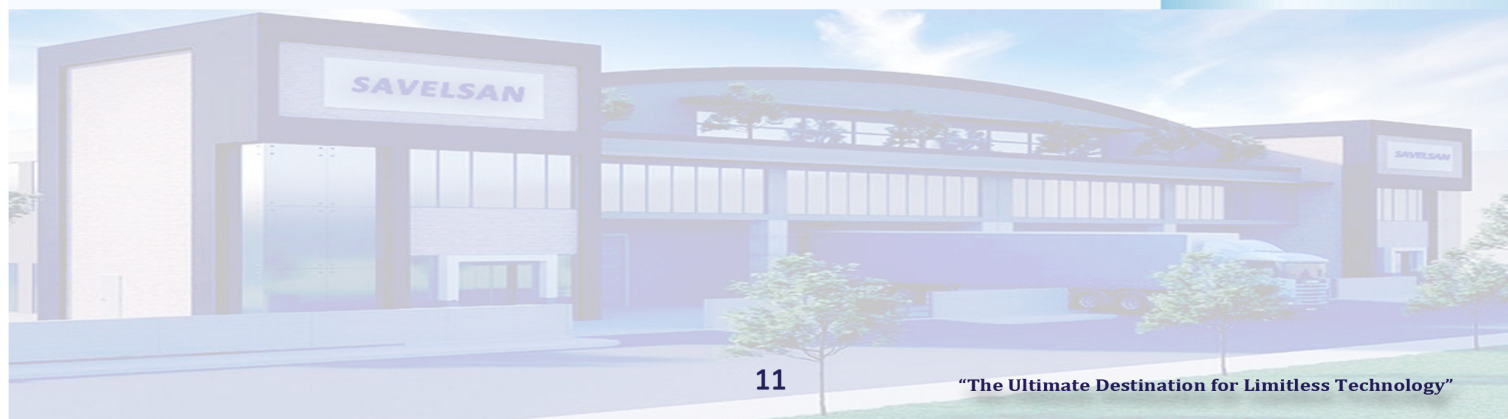
Capacity	55 Tons
Reach Distance	21 m
Lifting Capacity	2.3 Tons

Feed Silos

Number Of Barges	8 Units
Barge Volume	63 m ³
Total Volume	504 m ³
Barge Capacity	41.5 Tons
Total Capacity	330 Tons
Teflon Coating	
Barge Insulation	



The new octagonal design offers a longer service life, full stability on water, improved feed distribution performance, reduced air leakage, and easy fixing for bearing replacement.



FISH FEEDING BARGE



General

Generator	1 Unit
Water Tank	1 Unit
Water Tank Capacity	4.5 m ³
Fuel Tank	1 Unit
Fuel Tank Capacity	4.5 m ³
Silage Tank	1 Unit
Silage Tank Capacity	4.5 m ³

Dosing

Number Of Dosing Units	8 Units
Dosing Unit Power	1.1 kW
Capacity	30 kg/min
Pellet Size	1.2–12 mm



Selector

Selector Matrix	1 × 5
Diameter	100 mm
Feed Size	> 6 mm
Number Of Blowers	4 Units
Feeding Rate	75 kg/min

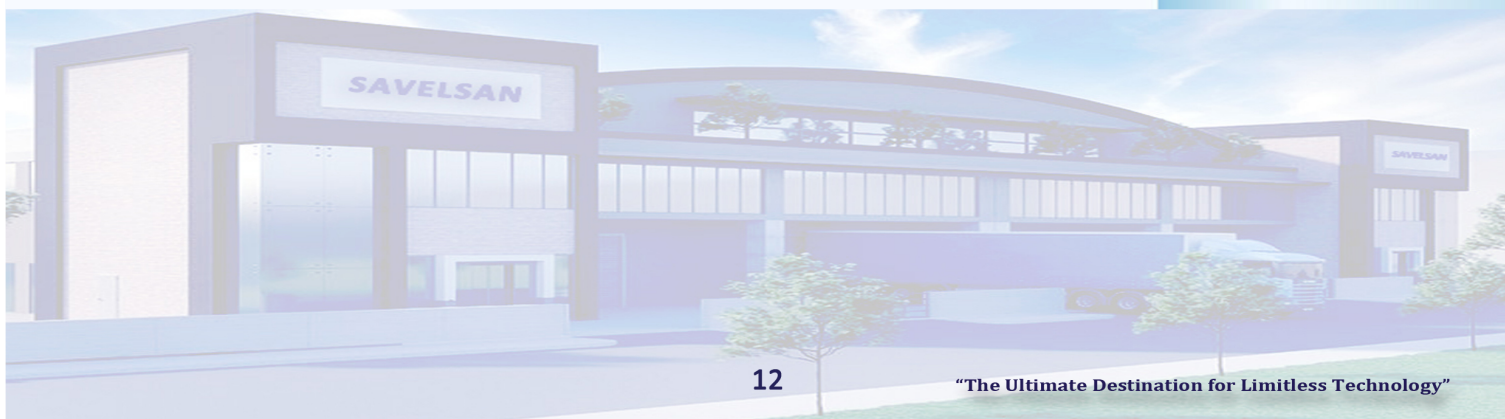
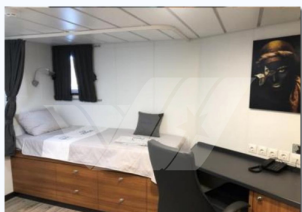
Blower

Number Of Blowers	4 Units
Blower Power	45 kW
Airflow Capacity	12,000 m ³ /h
Operating Pressure	11,000 Pa

Spacious and modern living quarters have been designed to provide personnel with a comfortable onboard environment. The accommodation areas are planned to meet all daily living requirements, ensuring maximum comfort and functionality.

Living Quarters

Control Room	34.25 m ²
Kitchen	20.30 m ²
Crew Cabin	16.20 m ²
Bathroom / WC	4.10 m ²
Open Deck Area	144 m ²



FISH FEEDING BARGE

A wide range of feed barges is offered with feed storage capacities ranging from 120 to 400 tons. Depending on the storage capacity and model, the systems are equipped with 4 to 12 feed barges. In addition to feed storage capacity, the barges also provide various storage options for silage, industrial water, drinking water, and fuel, depending on the selected barge model.



Capacity

Feed Capacity	300 Tons
Number Of Barges	8 Units
Number Of Dosing Units	8 Units
Number Of Air Locks	4 Units
Max. Number Of Ponds	20 Units

Barge Dimensions

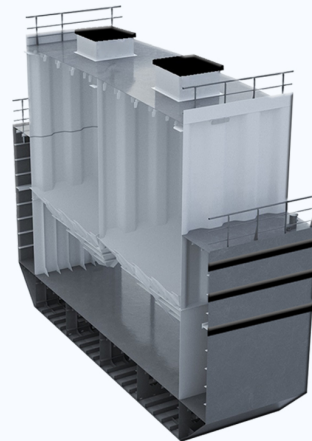
Length (LOA)	23.8 m
Beam (BOA)	12 m
Draft Height	4 m
Empty Weight	105 Tons

Marine Crane

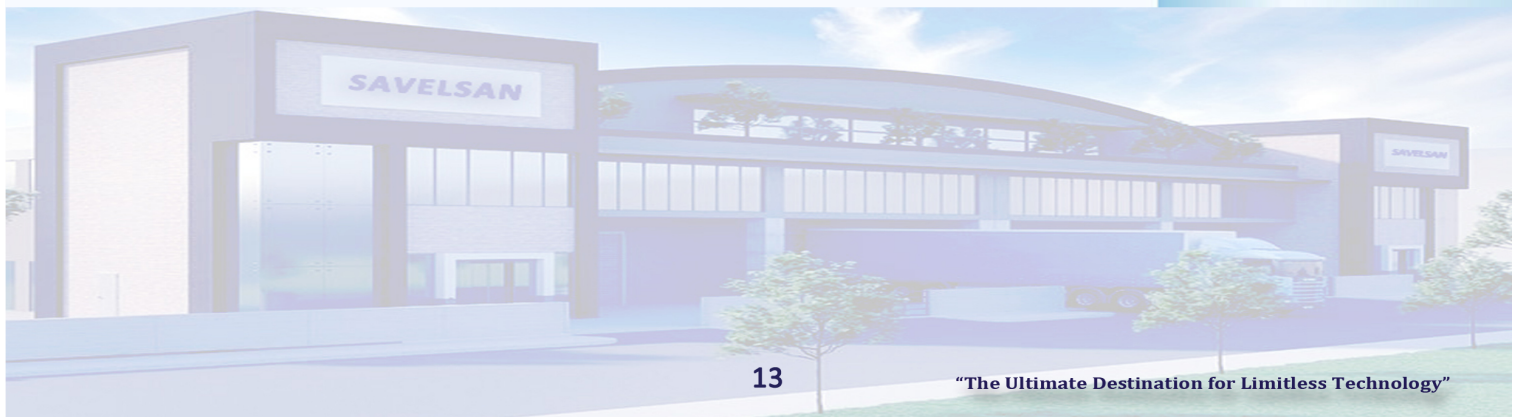
Capacity	55 Tons
Reach Distance	21 m
Lifting Capacity	2.3 Tons

Feed Silos

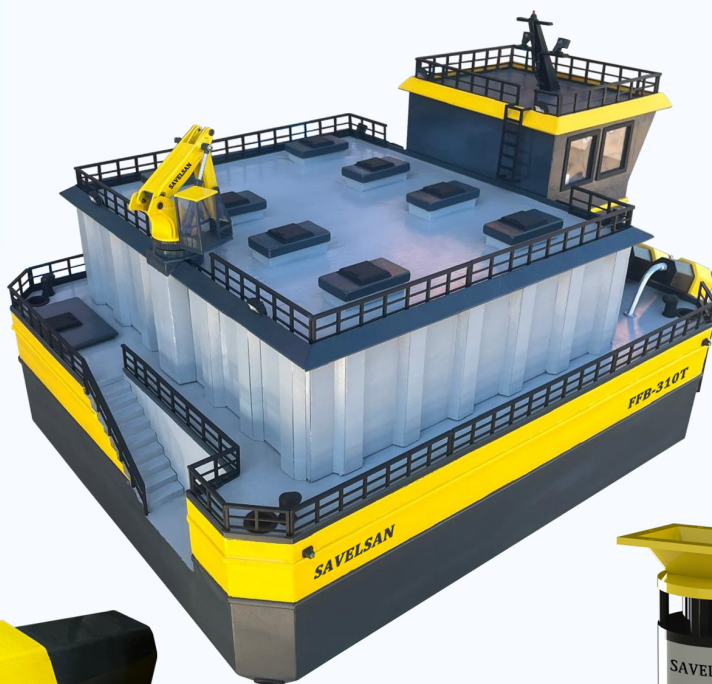
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Pellet Size	1.2–12 mm



Selector

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Feeding Rate	75 kg/min

Blower

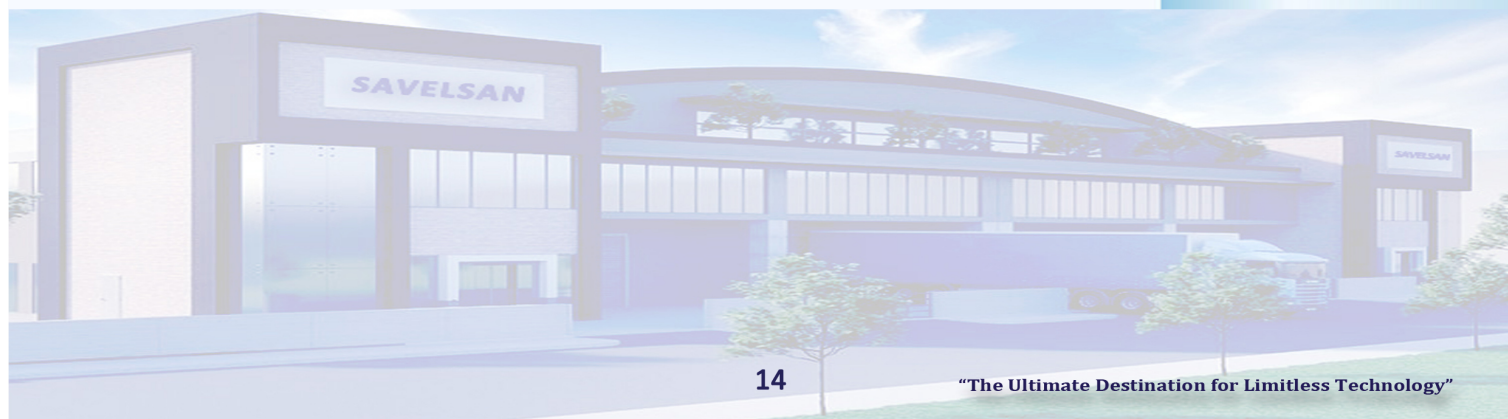
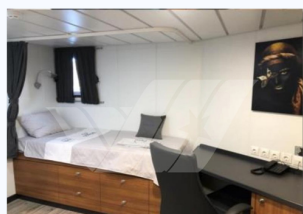
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Blower Power	45 kW
Airflow Capacity	12,000 m ³ /h
Operating Pressure	11,000 Pa



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Living Quarters

Control Room	28 m ²
Kitchen	10.5 m ²
Crew Cabin	8 m ²
Bathroom / WC	3.16 m ²
Open Deck Area	106.5 m ²





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