

# Innovative Solutions

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**Elevate**  
**with our**  
**Systems**

# “ Fish Handling, Expertly Guided ”

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# About Us

**Innovating Today,  
Shaping Tomorrow's Solutions**

**Founded** in 1992 in Istanbul, OZKARDESLER MAKINA specializes in pneumatic and vacuum systems. Since 1993, we have manufactured blower unit equipment, showcasing our expertise in the industry. Responding to the needs of the aquaculture sector, we developed the OZKA SYSTEM, delivering innovative solutions for live and non-living fish transport, including weighing, stunning, grading, counting, and ice transport systems. Our commitment to continuous improvement drives us to embrace the latest advancements in our field.

## Company Summary

**We** specialize in advanced machine solutions for the safe and efficient transfer of both live and wild catch fish. Our cutting-edge products, including vacuum systems, pumps, separators, stunners, and counters, are designed to ensure the highest standards of fish welfare during transportation, minimizing stress and harm.



### Our Mission

Our mission is to provide advanced, eco-friendly fish transfer solutions that ensure safe, efficient handling, promoting sustainability in aquaculture and fishing industry.



### Our Vision

We envision a world where our systems set new standards for environmentally friendly and high-performance operations.

## Company facts

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## What We Do?

**We** specialize in designing and manufacturing advanced solutions for the fishing industry, including fish handling systems, fish harvesting systems and ice transfer systems. Our innovative OZKA SYSTEM products reflect our commitment to quality and efficiency, ensuring safe handling and transportation for aquaculture and fisheries.

## Why Choose Us

- Design and manufacture advanced equipment for fish transfer
- Provide vacuum systems for smooth transportation
- Offer high-performance vacuum pumps and separators
- Ensure safe and efficient transport without harming fish
- Support sustainable practices in the fishing industry
- Discover our advanced trout harvesting systems, featuring vacuum system together with separators, and stunners. Ensure safe, efficient fish transfer while maintaining the highest standards of quality.

**Expertise:** Decades of experience in fish transfer solutions

**Innovative Technology:** Cutting-edge systems that ensure safe, efficient transport

**Fish Welfare:** Designed to handle fish gently, minimizing stress and harm

**Sustainability:** Committed to eco-friendly and sustainable practices

**Custom Solutions:** Tailored systems to meet your specific needs

**Reliable Support:** Comprehensive service and maintenance for optimal performance

# **Efficiency in Every Process**







# Product Specifications



# TANKS



#	Parts
1	Upper Level Sensor
2	Lower Level Sesnsor
3	Suction Pipe
4	Outlet Pipe
5	Pump Connection Pipe
6	Inspection Hole
7	Tank Level indicator

Series
1000
2000
3000



This vacuum system transfers fish safely, ensuring no harm during the process. The vacuum tank, manufactured from 316L stainless steel, features easily removable flap valves at the inlet and outlet. Additionally, the tank fills and discharges automatically using upper and lower sensors.

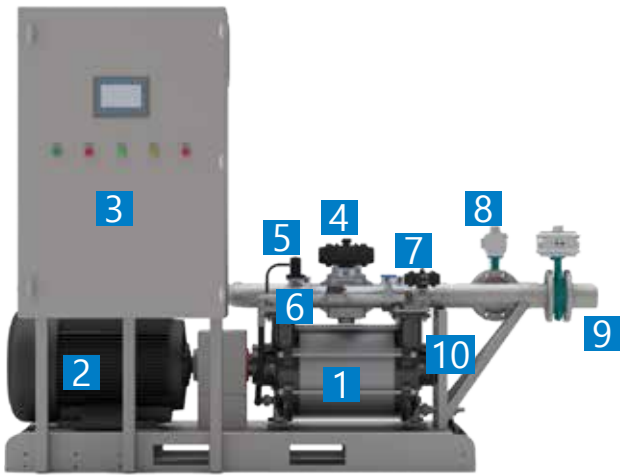
It offers user-friendly operation with a HMI operator panel, making it efficient and convenient for fish transfer.

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# Customer Responsive Designs

# PUMPS

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#	Parts	Series (kW)
1	Vacuum Pump	30
2	Electric Motor	37
3	Control Panel	55
4	4-Way Valve with Pneumatic Actuator	75
5	Vacuum Control Valve	90
6	Flow Sensor	
7	Service Water Supply Valve with Pneumatic Actuator	
8	Bypass Valve	
9	Vacuum Line (Tank connection)	
10	Service Water Supply Line	

# **Live Fish Solutions**



# 3000 STSP

Live Fish Set

Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Size	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
LF-3000 STSP	3000 L	12"	up to 10 kg	Trout, Sea Bass, Sea Bream	30kW	9m



\* The actual capacity will depend on the discharge distance, discharge height, and the mixture between fish and water.

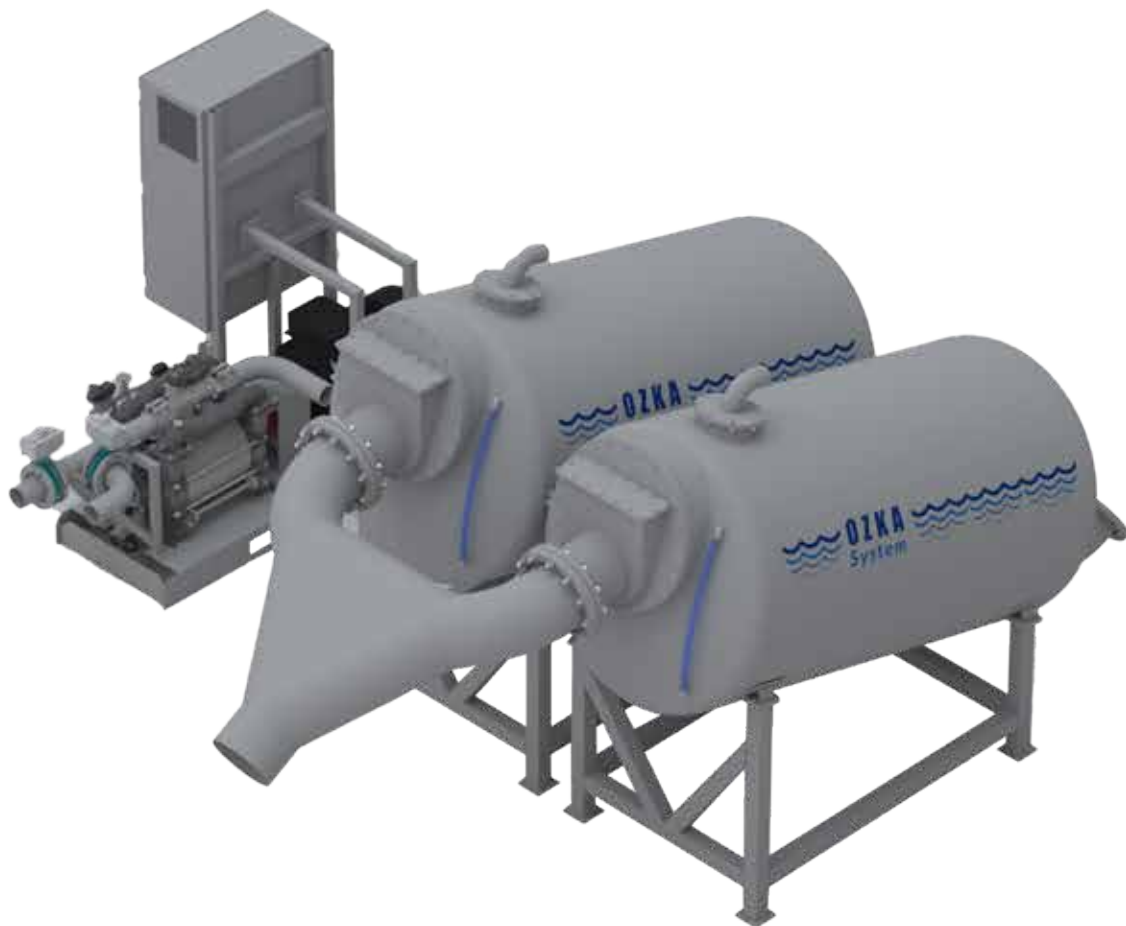
“For detailed information regarding capacity, please contact us.”



# 3000 DTSP

Live Fish Set

Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Size	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
LF-3000 DTSP	2 X 3000 L	12"	up to 10 kg	Trout, Sea Bass, Sea Bream	55KW	9m









# 2000 STSP

Live Fish Set



Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Size	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
LF-2000 STSP	2000 L	12"	up to 8 kg	Trout, Sea Bass, Sea Bream	22kW	9m

# 2000 DTSP

Live Fish Set



Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Size	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
LF-2000 DTSP	2 X 2000 L	12"	up to 8 kg	Trout, Sea Bass, Sea Bream	37kW	9m



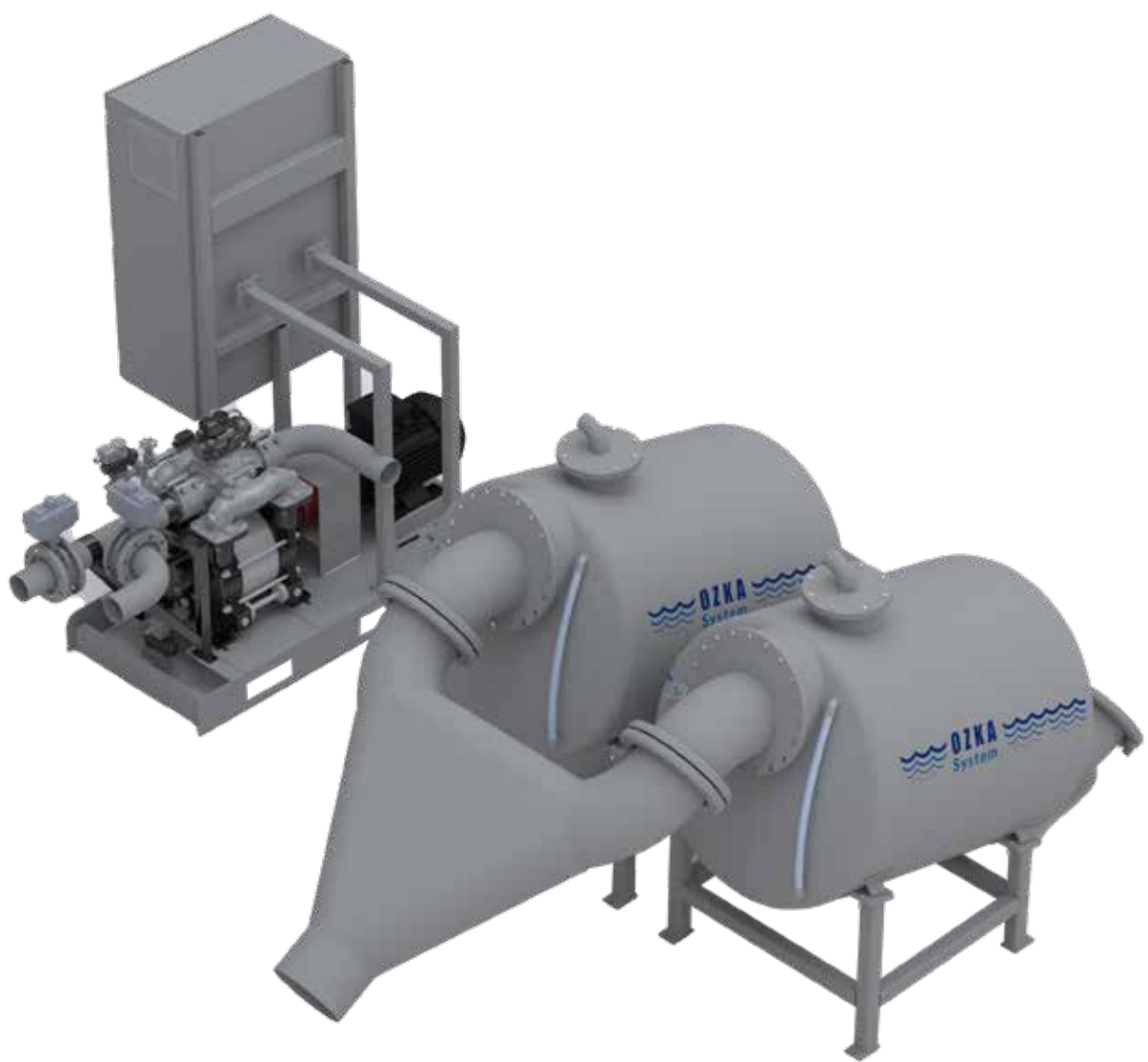




# 1000 DTSP

Live Fish Set

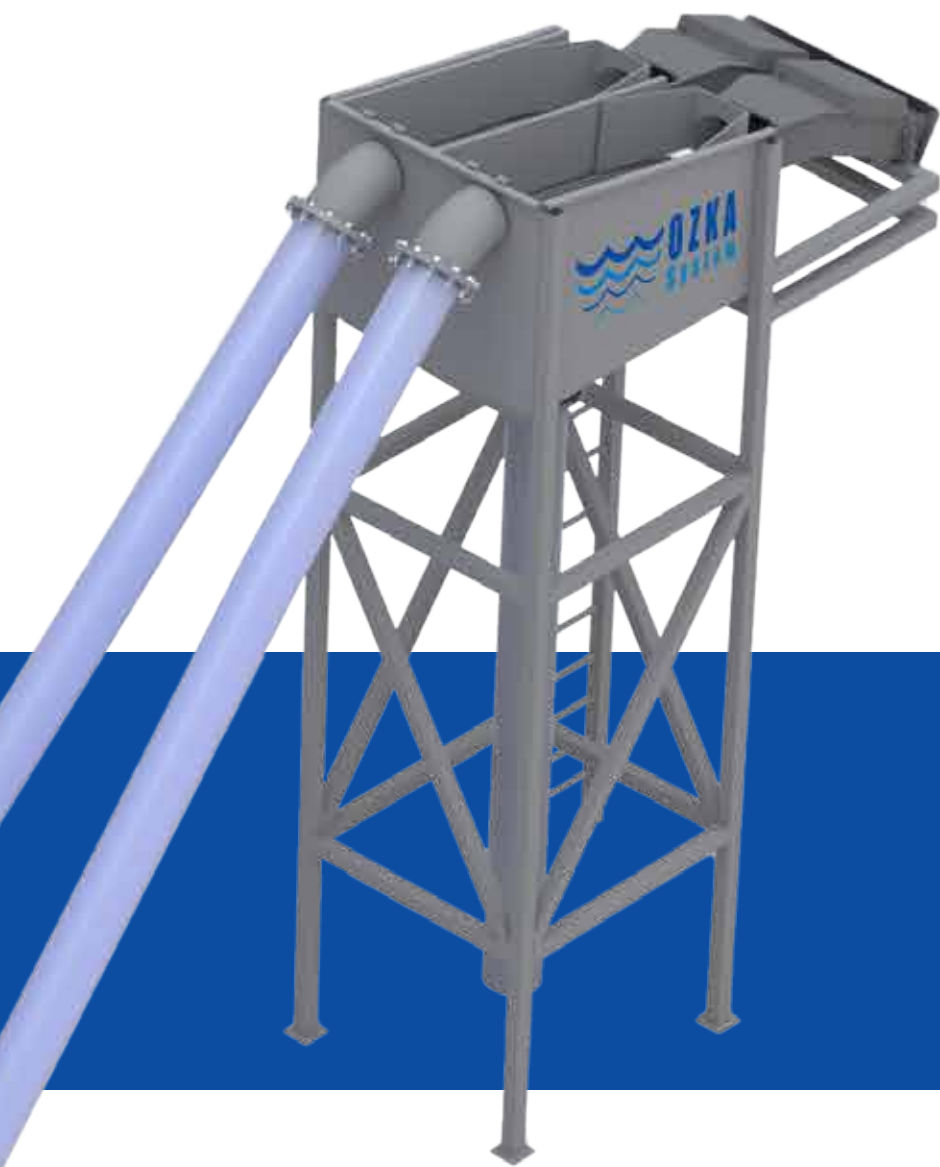
Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Size	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
LF-2000 DTSP	2X1000 L	8" - 10"	up to 4 kg	Trout, Sea Bass, Sea Bream	22kW	9m



# Live Fish Handling System with Counter

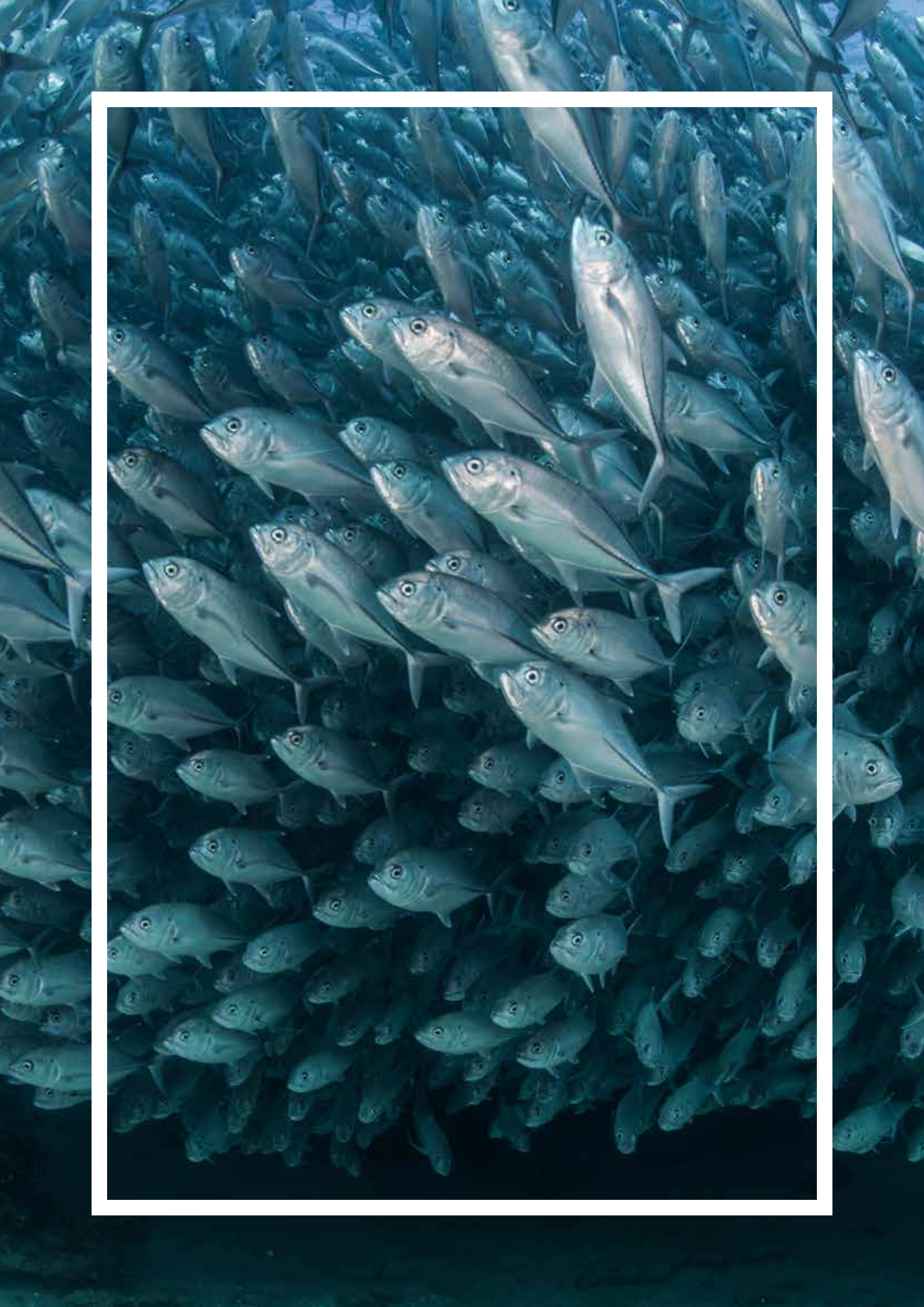






## **Double Tank Single Pump De-watering Counters**

# **Dead Fish Solutions**



# 3000 STSP SVL

Dead Fish Set



Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
DF-3000 STSP SVL	3000 L	12"	Anchovy, Mackerel, Spanish Mackerel, Horse Mackerel	55kW, 75kW, 90kW	9m



# 3000 STSP DVL

Dead Fish Set

Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
DF-3000 STSP DVL	3000 L	12"	Anchovy, Mackerel, Spanish Mackerel, Horse Mackerel	55kW, 75kW, 90kW	9m



# 3000 STDP

Dead Fish Set



Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
DF-3000 STDP	3000 L	12"	Anchovy, Mackerel, Spanish Mackerel, Horse Mackerel	55kW, 75kW, 90kW	9m



# 3000 DTDP

Dead Fish Set

Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
DF-3000 DTDP	2 X 3000 L	12"	Anchovy, Mackerel, Spanish Mackerel, Horse Mackerel	55kW, 75kW, 90kW	9m

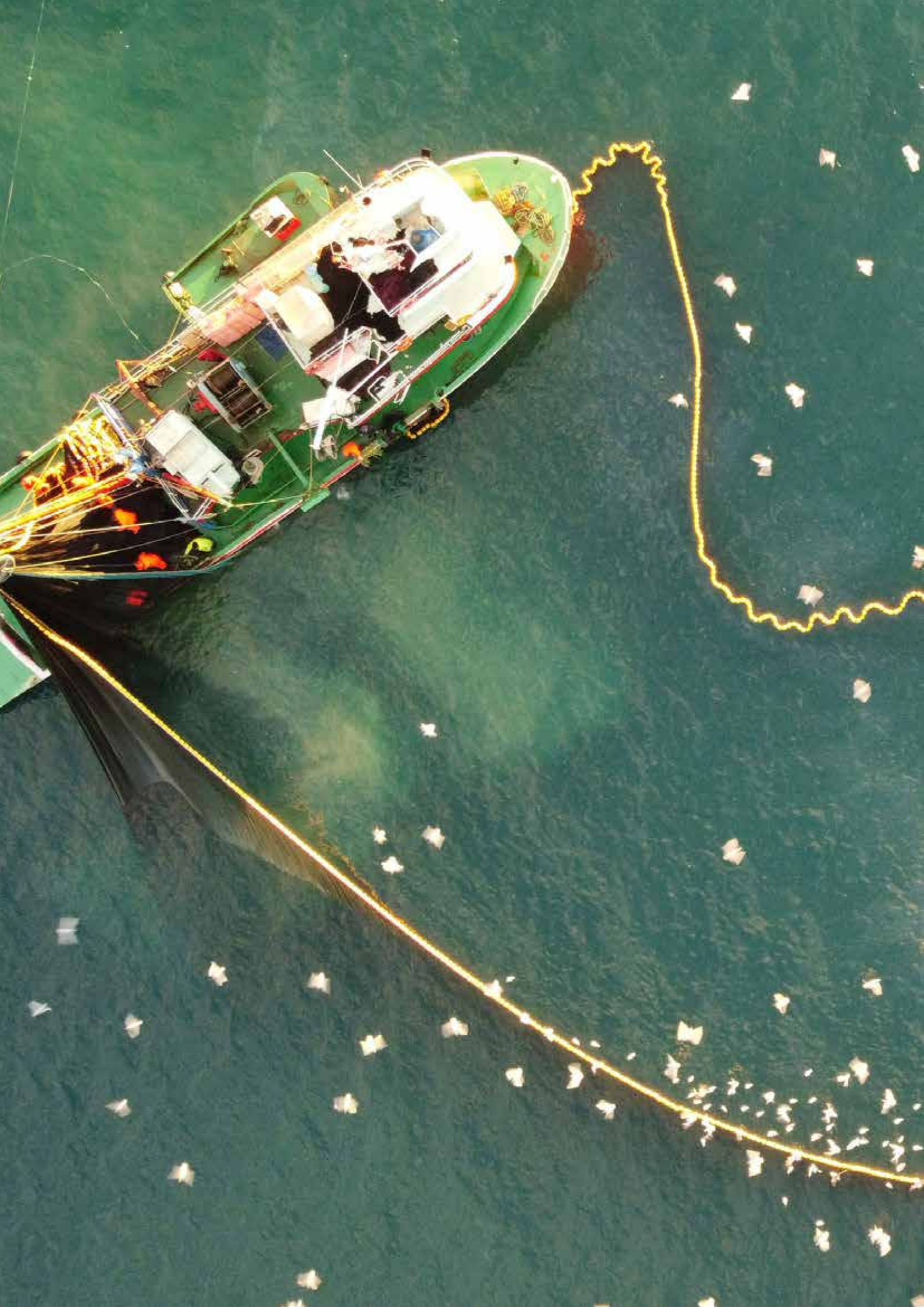


# 3000 DTDP S DVL

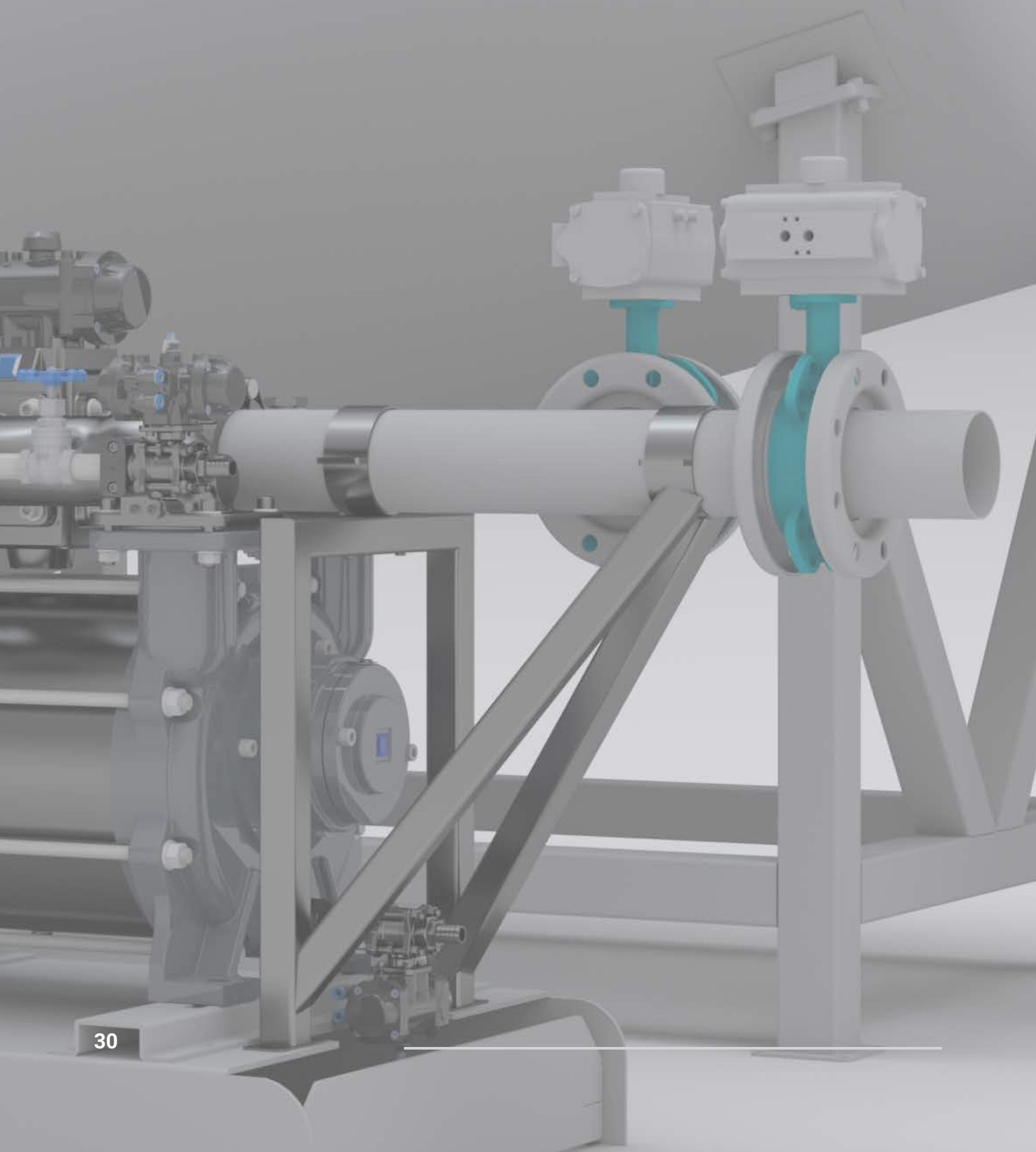
Dead Fish Set



Model Product	Tank Capacity	Suction & Discharge Pipe	Fish Species	Electric Motor Power	Max. Suction Distance (Vertical)
DF-3000 DTDP S DVL	2 x v3000 L	12"	Anchovy, Mackerel, Spanish Mackerel, Horse Mackerel	55kW, 75kW, 90kW	9m







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# Reliable Fish Handling Equipment

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# Get in touch!

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