



### COMPACT PLANTS

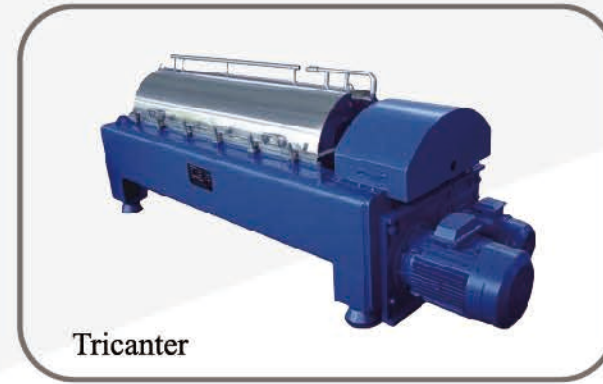
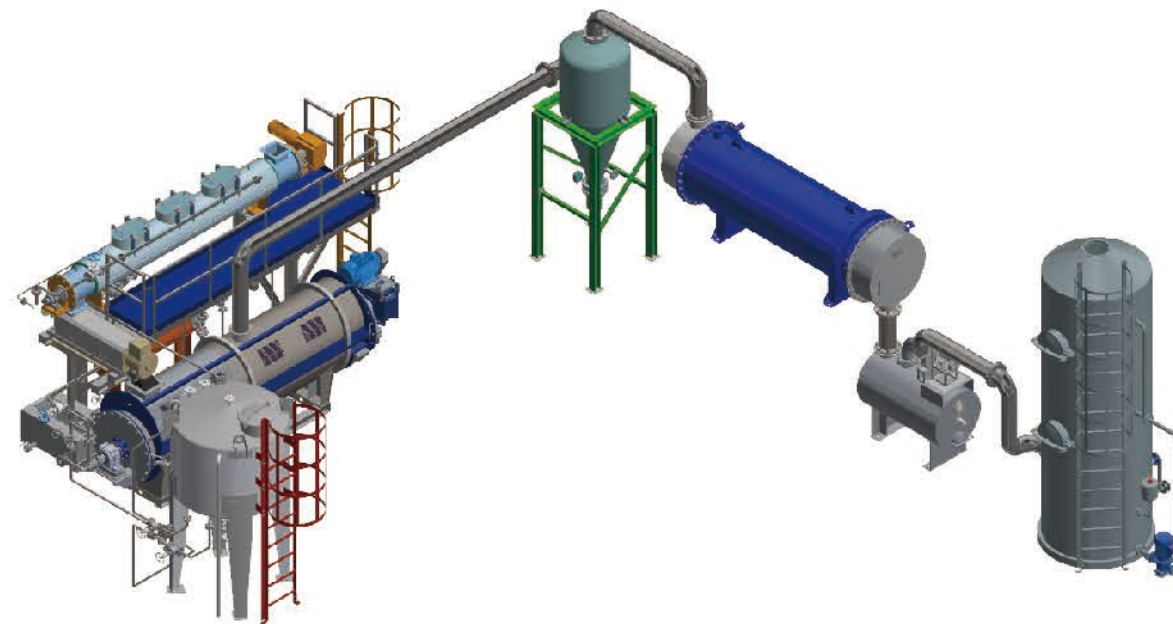
Sensitar also supplies compact fish meal plants with all machines mounted as one unit. This includes cooker, strainer, twin screw press and dryer. Separately, an oil recovery system and an evaporator can be installed.

Our compact plants are pre-assembled and ready to install either on board floating factories or ashore for treatment of by-products from fish processing.

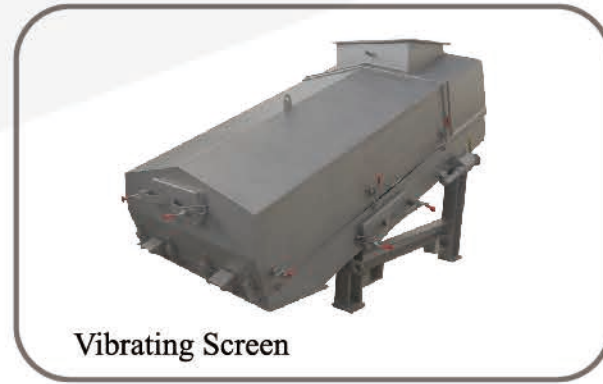
### FISH COOKER

Sensitar fish cooker is ideal for fish meal & oil processing, with inputs of varying quality and composition, requiring minimal pre-cooking preparation.

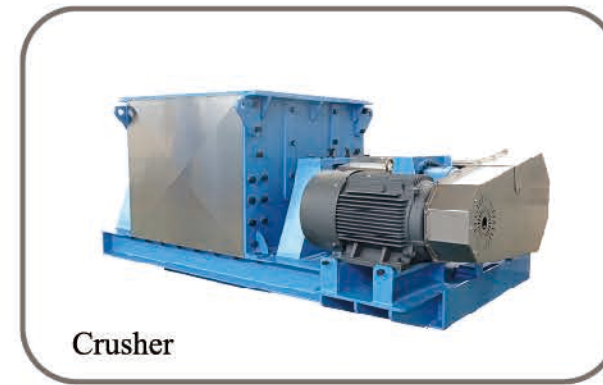
Customers can freely choose the type of equipment in the production range of 2-50t/h, and the steam supply regulator can easily handle even small volumes of steam when needed.



Tricanter



Vibrating Screen



Crusher



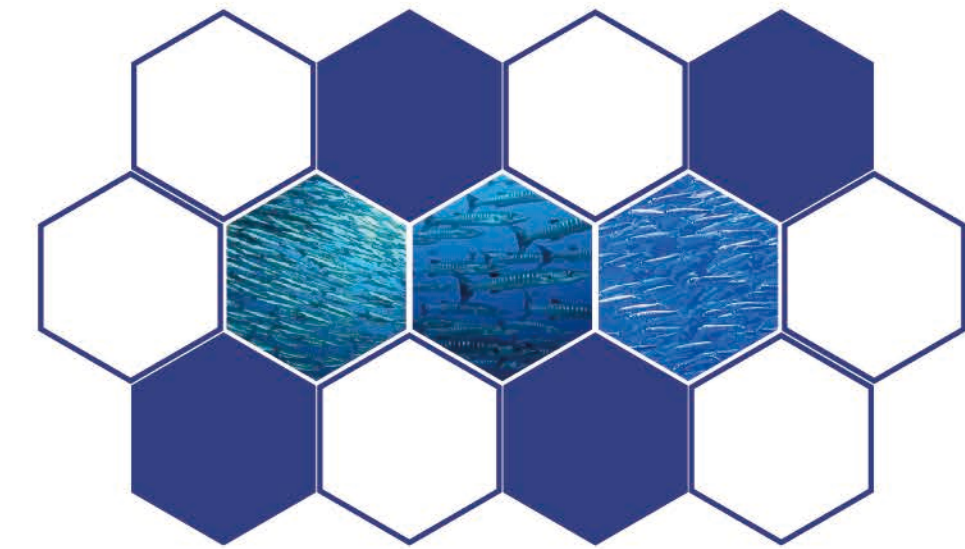
Milling Plant



Cooler



Air Condenser



## Fish Meal & Oil Processing Plant

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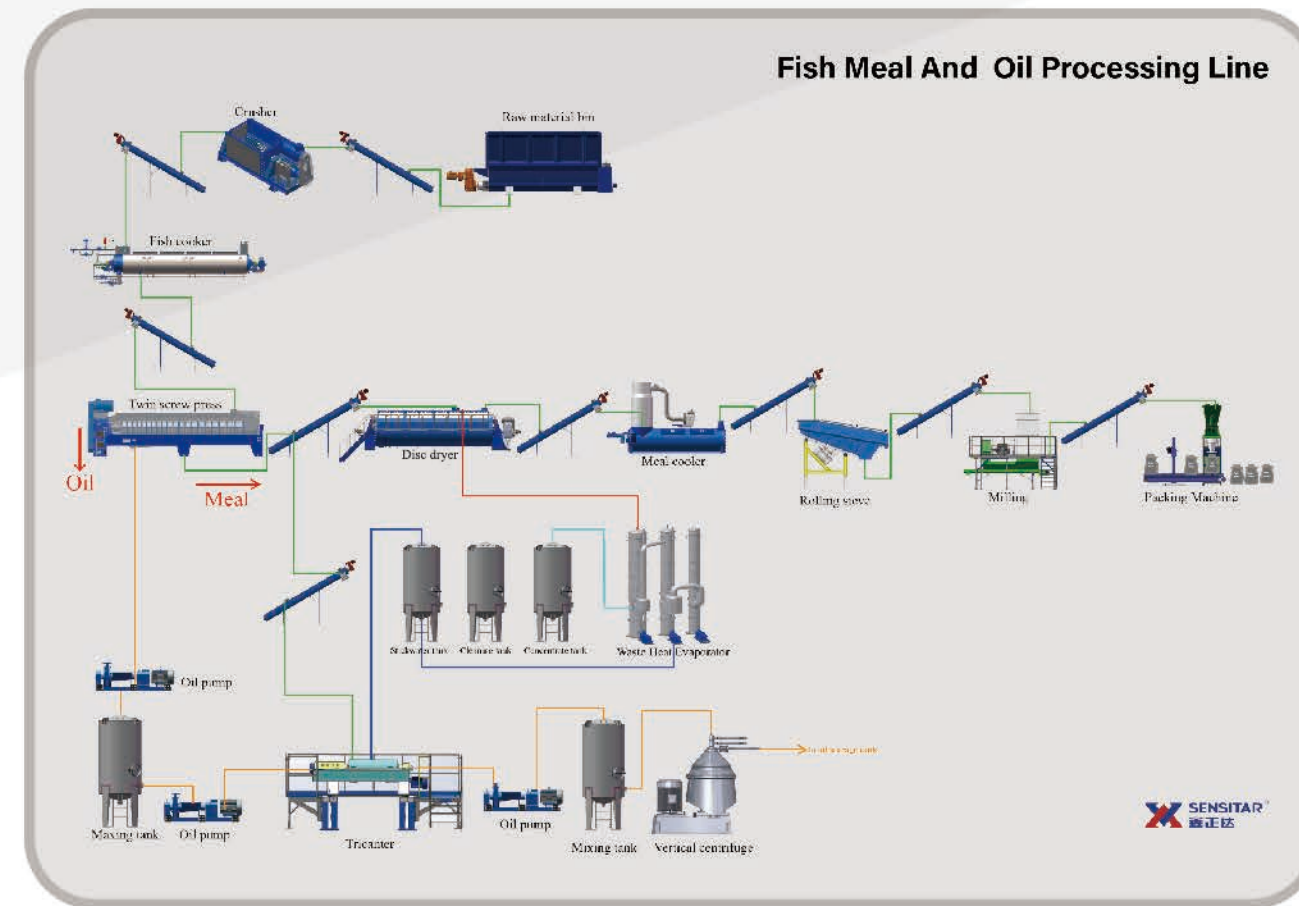
# FISH MEAL & FISH OIL



Sensitar' history within the fish meal and oil industry goes back more than a decade. Thus we have gained vast experience and extensive know-how in fish meal processing that enables us to provide a unique equipment programme for turning raw materials into high grade products while taking energy efficiency and the environmental protection into account.

Sensitar manufactures processing equipment to customers in the meat, pet food, fish, oil, environmental and biofuel industries worldwide. Plant durability, reliability and excellent service are keywords for our supplies, whether it is a single piece of equipment or a complete turnkey plant.

Our wide range of equipment, all designed for specific applications, form an ideal basis to design and optimise fish meal plants as well as to upgrade existing plants.



## FISH MEAL AND FISH OIL

Although fish meal processing generally follows the same principle, the process requirements vary from one plant to another. Freshness of the catch, type of fish, requirements for meal and oil quality and environmental issues dictate the need for individual plant solutions. We offer a full delivery programme to meet such challenges.

Our delivery programme ranges from small land-based or ship-based units. Our plants are known for maximum energy efficiency, reliability, safety and compliance with local environmental standards.

## FISH PROCESSING

Whether a plant is processing whole fish or fish by-products, the raw fish or fish steaks and waste are fed into the crusher, and then continuously fed into the cooker by a conveyor. After the material is cooked, it is directly put into the press to get meal cake and oil. Meal cake goes into the dryer to dry.



## DRYERS

Our dryer programme for the fish meal industry is large in the market. It ranges from a number of different designs of contact disc dryers, indirectly steam heated for both atmospheric and vacuum operation, to a selection of indirectly and directly heated hot-air dryers available for the production of special meals with special characteristics. Moreover, Sensitar has specialised in combining different dryer models, which enables the production of special meal qualities at minimum costs.

## TWIN SCREW PRESS

Mechanical dewatering with the twin screw press is very cost efficient and adds energy savings to the overall fish meal production. The twin screw press has been optimised to ensure that the press cake always has the best possible quality. The twin screw press is of a very robust and sturdy design, which ensures high cake dryness at low rotational speed on the screws. Liquid from the strainer and the press is collected for further separation into oil and stick water.

