



Food processing
streamlined



Conveyor 1 and 2

Conveyor 1 is intended for rough sorting and conveyor 2 for careful sorting. The incline is used for adjusting the balance between the catch conveyed upwards (the fish) and the catch falling back (the shrimp). Conveyor 1 must always be more flat (less steep) than conveyor 2, to prevent the shrimps from being conveyed to the collecting vessel along with the fish. There is a screen installed on conveyor 1. The purpose of the screen is to prevent the mixture coming from conveyor 1 from rising too high on conveyor 2, giving the mixture more time to separate on its way upwards on conveyor 2. It is important to be aware that as the conveyor belts become worn, the friction increases, making it necessary to adjust them, i.e. make them more steep.

Bycatch Separator

SEPARATES SMALL FISH FROM SHRIMPS

Technical data

Motor type	Drum motor
Motor Power	0,37 kW
Power supply	3x 400 V or 3 x 220 V
Full Load Amps (FLA)	3A / 0.8 kW

Highlights

The machine handles the manual and tedious work

Comes in many different widths and in an XL length. Many different capacities - the largest with over 120 tons per 24 hours

Shrimps are produced in much shorter time

The final result is of perfect quality

Can be made for all capacities

Optional extras

Adjustable for heeling in high seas

About the product

The machine separates small fish and shrimps in a simple and effective way. It is based on the principle that fish and shellfish stick to the conveyor belt in different ways. The conveyor belts within the separator travel at much higher speeds than regular conveyor belts. The speed is adjustable, and different speeds are used depending on the species of fish mixed in with the shrimp catch. Usually, conveyor 1 is made to go faster than conveyor 2. The incline is also adjustable. By using different inclines and speeds, the species are separated. The ones which easily attach themselves (small fish) are conveyed up and then fall down into a collecting vessel, whereas the ones offering less friction (shrimps) slide back down the conveyor belt.

Office

Intech International a/s
Erhvervsparken 16
DK-9700 Brønderslev

Contact

P. +45 96 46 76 00
F. +45 96 46 76 01
E. intech@intech.dk

www.intech.dk