

# Protein-Tec 1000

Superior HI-Tech yield system “Fish in Fish”



- Easy adjustment for various fish sizes
- Increases yield 5 to 30%
- Greater profit
- Capacity: 4-700 Kg/hour
- Reduced cooking or chilling shrinkage
- Greater overall appearance
- Better flavor



# Advanced Protein Injection

## User-friendly interface for injection adjustments



Complete system components needed:

- 1) Protein-Tec 1000
- 2) TR-850 Injector
- 3) Brine making equipment
- 4) Easy Flaker
- 5) Brine chiller
- 6) Glycol cooling compressor system



Touch screen  
user-friendly interface



Easy-Inject 1000



TR-850 Injector control cabinet



Brine mixing system



Glycol cooler



Easy Chiller



Salmon fillet

Increase the total weight of the product for the end user.



Cod fillet

Increase the profit of the final product by injection.



Injecting Chicken breasts

Increase the total weight of the product for the end user



Making Corned Beef

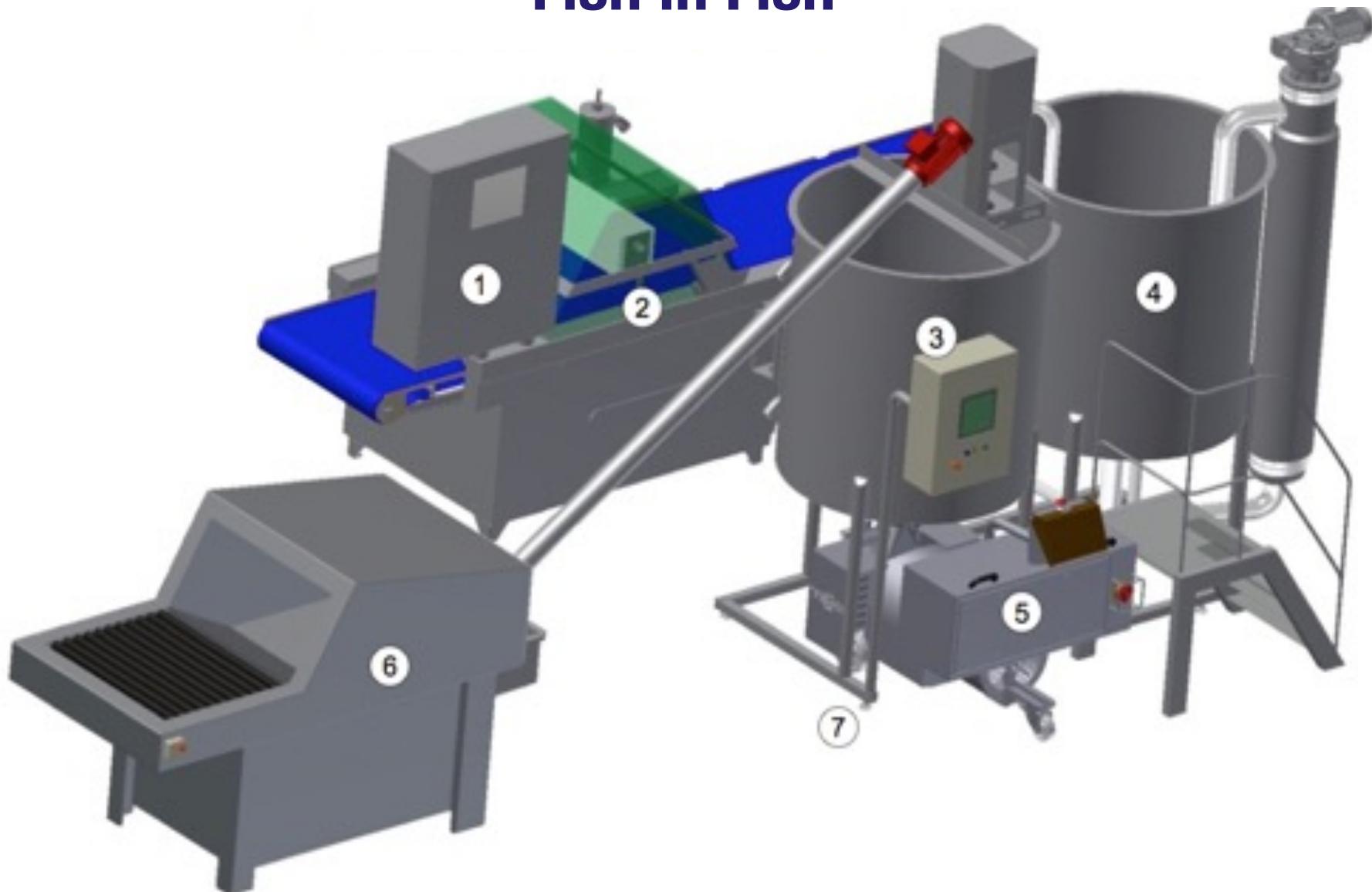
Automatic layer system is available for salt & curing processing

# Advanced Raw Material Usage

Increase the yield by injecting high quality mince into the product



## “Fish in Fish”



- 1) Touch Screen; user friendly interface
- 2) TR-850 Injector
- 3) Protein-Tec Emulsifier container
- 4) Protein-Tec Protein container
- 5) Protein-Tec Protein Emulsifier
- 6) Easy Flaker

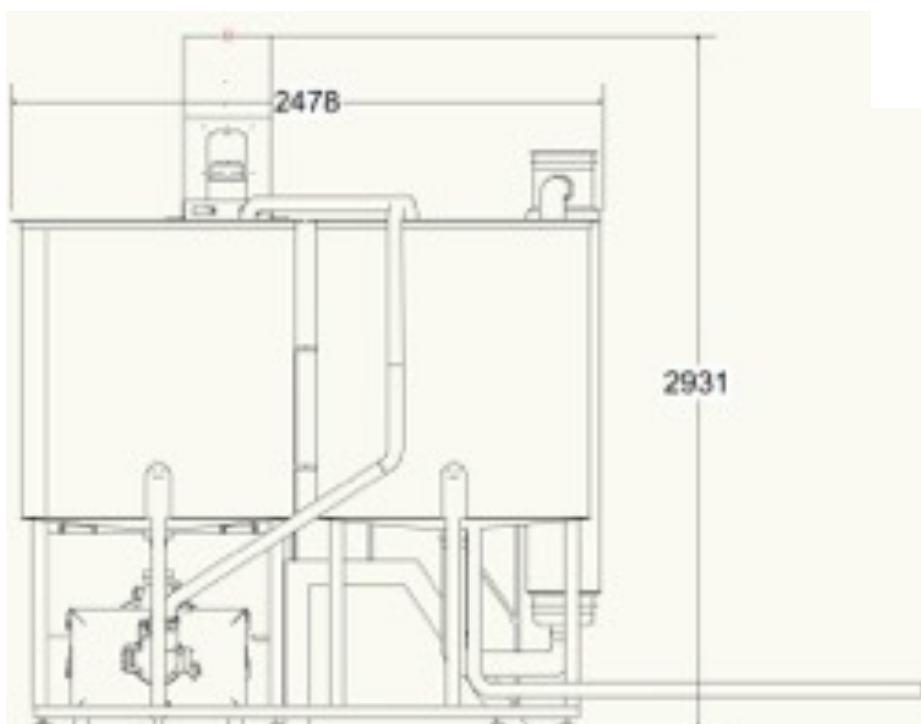


Needle-head: Needle quantity 968pcs

## Benefits of Protein-Tec + TR-850

- Integrated Protein-Tec System.
- User-friendly Touch Screen.
- With ethernet connection
- Easy to change from injection to Protein-Tec.
- “Fish in Fish” system is easy to use
- Adjustable yield settings.
- Increase protein binding
- Less drip or loss after injection
- Greater raw material yields
- No sign of the suspension in the product
- Superior filters prevent clogging.
- Multiple injections can be adjusted.
- Low return volume.
- Electronic pressure control.
- Capacity exceeds filleting machines.
- No valves, chains or bearings.
- Most advanced injector on the market.

# Protein-Tec



## Specification:

Dimensions L x W x H: 2478 x 1926 x 2931 mm  
Weight: 1050 Kg  
Voltage: 3 x 380-480V 50/60 Hz  
Current at 400V: 75 A  
Pre-fuse 400V: 3x100 A Power required: 37 Kw  
Air required: 50 l/min Capacity: 4 x 700 Kg/hour  
Hole plate: ø400mm



## “Fish in Fish”

**Protein-Tec** is our system for producing a suspension using undervalued trim and reintroducing it to the fish via Injection. This results in greater yield and profit by increasing green weight and producing a high quality, consistent product. For more info request our “Easy-Inject” brochure.

### Optimize your investment with custom-made solutions

Traust Know How, Ltd., has been a leader developing fish processing equipment for over 30 years. Our qualified team of engineers with years of experience design and develop all our fish processing plants/equipment to suit the need of the fish processing industry around the world.

