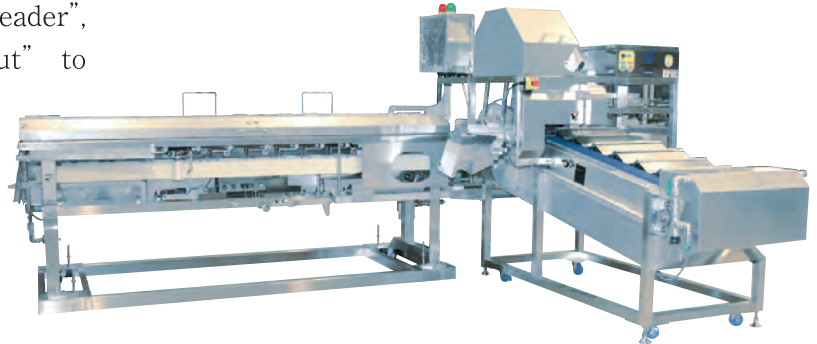




Header & Gutter Automated Processing System

Contribute to labor saving and quality improving.

Just by laying round salmon on "Auto Header", then system process from "Head Cut" to "Remove Guts" automatically.



Applying for Patent

Auto Header

Infrared beam Set-up



By leading of infrared beam, just place fish on feeding tray to cut head off automatically and continually and for good recovery result. It can be operated simply and easy.

《Features》

- No meat crushing
- Increase yield
- Simple operation
- Available for both fresh and frozen fish

Gutter Machine

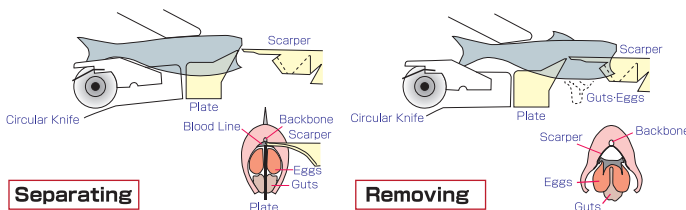


Continuous insertion (Fish Back on the top Fish Belly on the bottom)



It will automatically dress and remove Eggs, Milts and Guts neatly and remove Blood Line by showering and brushing

Process of removing eggs and guts



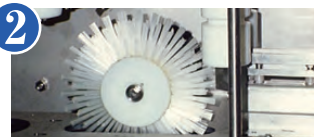
Process of Removing Blood Line

1



Scraping

2



Brushing

3



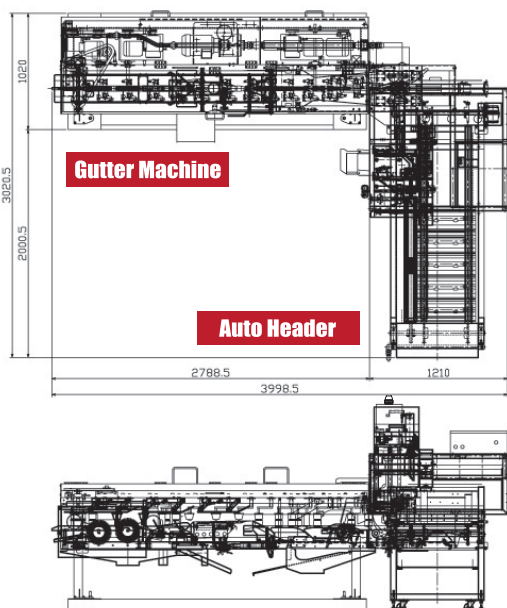
Showering

Available for dressed *fishes (removed guts, milts and eggs)
*Mostly frozen imported fishes

- Defrosting fishes at 0° is an effective way to remove blood line.
- Dismantle circular knife if fish belly has been cut

《Features》

- Available for both Male and Female
- It should contribute lots to save labor cost.
Only one person is necessary from feeding to Auto Header to removing guts.
(*Data of labor requirement is provided by our plant test.)
- Reduce damage to eggs.
It will be operated without using water to remove Eggs, Milts and Guts, causing no damage to Eggs.
- Remove "Blood Line".
Blood line will be removed mostly by showering and brushing.

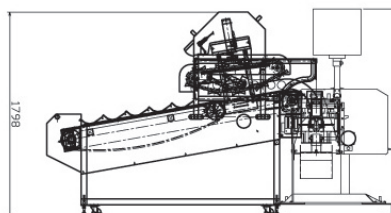


Specification

Measurement	-----	L3,021×W3,999×H1,825mm
Weight	-----	1,140kg
	■ Auto Header	L2,410×W1,465×H1,798mm
	■ Gutter Machine	L3,825×W1,020×H1,821mm
Power Supply	■ Auto Header	----- 200V 0.4kw
	■ Gutter Machine	----- 200V 4.85kw
Water Consumption	■ Auto Header	----- 20ℓ / min
	■ Gutter Machine	----- 80ℓ / min
Air Consumption	■ Auto Header	----- 300ℓ / min
	■ Gutter Machine	----- 200ℓ / min
Maximum Capacity	-----	20-30Fish/min

※It may vary depend on labor's work to feed

※Discharge conveyor in pictures are optional.



Optional

Discharge Conveyor

Discharge Conveyor for Eggs.
Discharge Conveyor for Guts.
Any other attachment for before and after system.

Works for both male & female

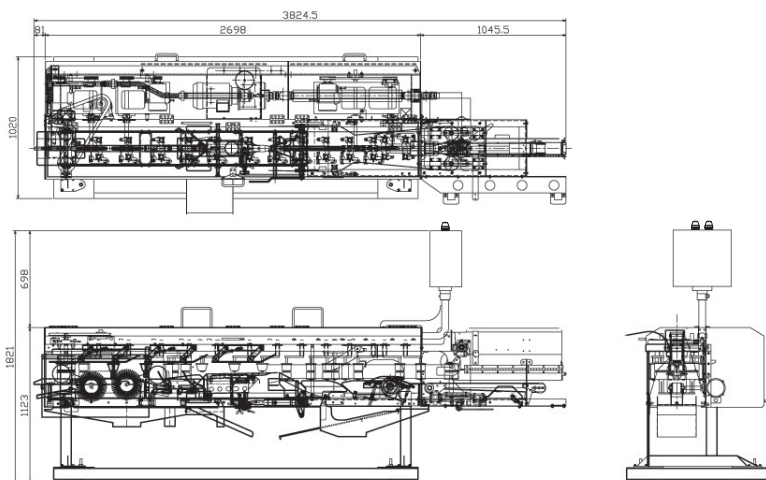
Gutter Machine NMG-501

[Patent No. 3037532 and patented in oversea]

Specification

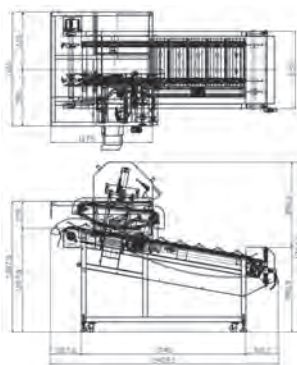
Size	Total length	-----	3,825mm
	Total width	-----	1,020mm
	Total height	-----	1,821mm
Weight	-----		740kg
Power Supply	-----		200V 4.85kw
Air Consumption	-----		200ℓ / min
Water Consumption	-----		80ℓ / min
Fish Size	-----		2-6kg / Fish
Maximum Capacity	-----		20-30Fish / min

※Discharge conveyor in pictures are optional.



Auto Header NOH-100

[Patent Applying]



Specification

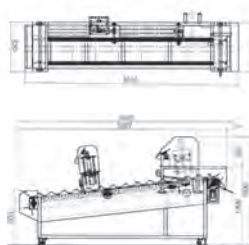
Size	Total length	-----	2,410mm
	Total width	-----	1,465mm
	Total height	-----	1,798mm
Weight	-----		400kg
Power Supply	-----		200V 0.4kw
Air Consumption	-----		300ℓ / min
Water Consumption	-----		20ℓ / min
Fish Size	-----		2-6kg / Fish
Maximum Capacity	-----		25-30Fish / min

※Discharge conveyor in pictures are optional.

Auto Header

[Patent Applying]

(Cut "Nose" off)
NHH-100



Specification

Size	Total length	-----	3,510mm
	Total width	-----	1,210mm
	Total height	-----	1,800mm
Weight	-----		500kg
Power Supply	-----		200V 0.4kw
Air Consumption	-----		450ℓ / min
Water Consumption	-----		20ℓ / min
Fish Size	-----		2-6kg / Fish
Maximum Capacity	-----		25~30Fish / min

※Discharge conveyor in pictures are optional.

※It is prohibited by law to copy for manufacture all and/or part of this system. These specification will be changed for improvement/modification without notice.

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