



Newsletter 15-09

Flipper trawldoors from Thyborøn Trawldoor provide a significantly better use

Last year Thyborøn Trawldoor introduced the "Flipper" doors, as a technical design change of the existing Type 15 VF. This year we moved this design change with its adjustable foils to our Type 14 VF.

The world patented "Flipper" trawldoors with adjustable foils from Thyborøn Trawldoor change their type numbering. The new Type 20 VF "Flipper" is based on the Type 15 VF and the new Type 21 VF "Flipper" is based on the popular Type 14 VF.

Four adjustable foils were added to the classic blue flying trawldoors resulting in the new "Flipper" trawldoors. Now you can have two sizes of trawldoors in one.

Type 20 VF Flipper (15 VF)

With the four adjustable foils, we are able to reduce the spreading power up to 17 % and the door's water resistance up to 24 %. Changing the angle of attack allows for further reductions. Reducing the spreading power to such a degree makes it possible to use the same doors for different types of fisheries: Trawling with full size doors / closed foils after e.g. blue whiting and trawling with reduced size doors / open foils after herring and mackerel.

Since the introduction of the Type 20 VF "Flipper", it has been tested with great success in the Netherlands, Denmark, Greenland and Iceland.

Two sets of 13m² Type 20 VF "Flipper" are in use in the Netherlands at the company Cornelis Vrolik on F/V "Carolien" and at the company W. van der Zwan on F/V "Alida". Both vessels are using them for blue whiting, herring and mackerel fishery.

A set of 8.5m² Type 20 VF "Flipper" is in use on the trawler HG 306 Tobis in Denmark. The trawler is twin rigging for shrimp in the North Sea with closed foils. When the trawler is twin rigging for cod and saithe all the foils are open to reduce the spreading power.



Thyborøn Trawldoor's largest set of trawldoors to date

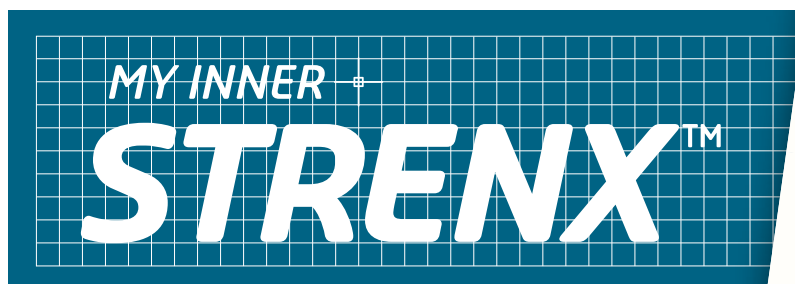
A big order in more than one way

With the delivery of a set of 25m² Type 11 bottom trawldoors for sandeel and sprat fishery, skipper Fridi Petur Magnussen on HG 265 Asbjørn has received Thyborøn Trawldoor's largest set of trawldoors to date.

Before the delivery about 30 of Thyborøn Trawldoor's staff stood in front of the doors and were not able to cover it's surface.



HG265 Asbjørn with 25 m² Type 11 trawldoors



Thyborøn Trawldoor participates in the Pacific Marine Expo

November 18th - 20th 2015

American fishing industry buys 5 sets Type 15 VF flying trawldoors

The company Glacier Fish has placed an order on 5 sets Type 15 VF pelagic trawldoors for the following of their vessels:

- Rebecca Irene Type 15 VF 9 m²
- Arica Type 15 VF 12 m²
- Unimak Type 15 VF 11 m²
- Pacific Glacier Type 15 VF 13,5 m²
- Northern Clacier Type 15 VF 12 m²

The new trawldoors will be shipped from Thyborøn in mid october for delivery for the coming fishing season, starting in january of 2016.



Norwegian shrimp caught with trawldoors from Thyboron Trawldoor

The Type 14 VF Semi-pelagic / bottom doors are the market's most popular and energy-saving semipelagic trawldoors with perfect spreading abilities. 75 sets were sold worldwide to many factory trawlers for whitefish and shrimp fishing.

The Norwegian trawler **Hopen M-99-H** uses 10m² Type 14 VF (4.500 kg) for trawling after saithe, cod and haddock. For shrimp trawling they use 17m² Type 14 VF (7.000 kg per door).

Gadus Poseidon F-4 BD, another Norwegian trawler uses 14,5m² Type 14 VF (6,500 kg) for single and twin trawling after shrimp. Additionally they have just ordered a new 9.5 m² Type 14 VF for catching whitefish.

J. Bergvoll T-1-H is single- and twin trawling for saithe, cod and haddock. They use 9m² Type 14 VF (4.200 kg) and for shrimp fishing they use 13m² Type 14 VF (5.800kg).



L526 Lonny Hedvig with 10 m² Type 21 VF Flipper trawldoors

Danish industrial trawler invests in Thyboron Trawldoor's new "Flipper"

The danish skippers Rene and Dan Schmidt on L526 "Lonny Hedvig" started using 10m² Type 21 VF "Flipper" doors for sprat fishing in the North Sea.

After their first trip with the new "Flipper" doors Rene and Dan said they were really satisfied and the doors fully met their expectations.

The industrial fishermen from Thyboron are looking forward to putting the doors to a real-life test in october, when the fishing season for norwegian sprat starts.

The trawldoors' spreading power can be reduced up to 17% and the water resistance can be reduced by up to 24 % by opening the foils. Changing the angle of attack allows for further reductions. And this is exactly what they need for sprat fishery, because they use a different trawl and they are fishing deeper, with a different towing speed.

The skippers Rene and Dan Schmidt are extremely pleased with this "two in one" solution, especially when changing from one fishery to another.

FLIPPER report from captain Gudlaugur Jónsson on Venus NS 150

The pelagic trawler **Venus NS 150**, from the Icelandic company **HB Grandi**, switched to "Flipper" trawldoors and skipper Gudlaugur "Gulli" Jónsson is extremely pleased with the performance of the doors.

"Gulli" reports, he started to use the new Thyboron 15m² Type 20 VF "Flipper" doors in spring. They fished for blue whiting close to the Faroe Islands with all of the adjustable foils closed. Gudlaugur Jónsson was extremely pleased with the results, the wide spread and good stability of the trawldoors in turnings.



Venus NS 150 with 15 m² Type 20 VF Flipper trawldoors

They tried different setups with the foils during mackerel fishing this summer. First they had all the foils open to reduce spreading power, this made the doors having an inwards roll of about 18 – 20 degrees.

Then they started closing the foils on the upper part of the doors to change the roll angle, which came down to about 10 – 13 degrees.

With these setting the doors are very stabile during turnings. Even if one door comes up while turning, it does not loose its spreading power and goes down again very easily.

According to the skipper there was a noticeable difference from the doors they previously used on the trawler "Ingunn" and he highly recommends the Thyboron "Flipper" trawldoors today.

Meet us at
DanFish 2015
 Booth D 822
 October 7th - 9th