BRUNVOLL
PRECISION IS OUR PASSION

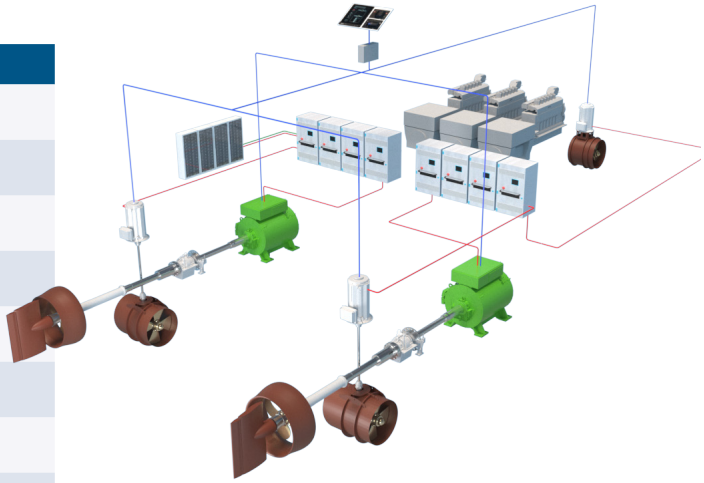
# Isafold

## Pelagic Trawler / Purse Seiner

Illustration: Salt Ship Design, Norway

| VESSEL INFORMATION | |
|---|---|
| Owner | Isafold, Denmark |
| Shipyard | Astilleros Zamakona S.A, Spain |
| Hull Number | C799 |
| Year Built | 2022 |
| IMO Number | TBC |
| Ship Design | Salt Ship Design, Norway |
| Class | BV, No-Ice |
| Engine | Electric Permanent Magnet Motor |
| Type: PM Power 2 x 3400 kW RPM: 130 | |

| BRUNVOLL SUPPLY | |
|---|---|
| OD and Thrustbox | 2 x TH750 thrustbox / OF280-OD-box |
| Propeller System | 2 x ECP85-4F, 4000 mm diameter. Integrated Costa Propulsion; optimised design of propeller and rudder integration. |
| Nozzle | Brunvoll HE-nozzle |
| Control System | BruCon Propulsion and Thruster Control |
| Tunnel Thrusters | Bow: FU74 LTC 2000 - 1400 kW<br>Stern: 2 x FU63 LTC 1550 - 700 kW |



### Diesel Electric Propulsion, PM

A twin screw diesel electric propulsion plant, with integrated and optimised design of propeller, nozzle and rudder, giving significant increased propulsion efficiency. The twin screw propeller configuration, and the three tunnel thrusters provide excellent operation and manoeuvring capabilities to the vessel during fishing and sailing.

The propellers are powered by two permanent magnet (PM) motors. PM motors operate efficiently over the entire power range. The profit of this configuration is sourced from an overall high efficiency, reduced noise, flexibility and redundancy.