

# Gollenes

## Pelagic Trawler



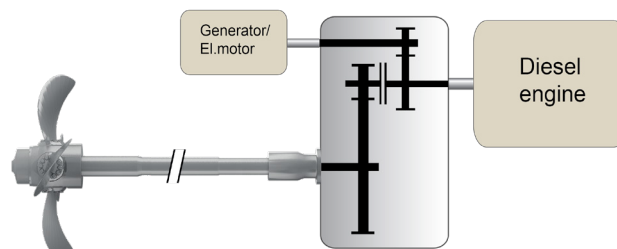
Illustration: Karstensens Skibsværft

### VESSEL INFORMATION

Owner	Gollenes AS, Norway
Shipyard	Karstensens Skibsværft A/S, Denmark
Hull Number	468
Year Built	2023
IMO Number	TBD
Ship Design	Karstensens Skibsværft A/S, Denmark
Class	DNV No Ice
Engine	Diesel Engine
Type: ABC 6DL36	Power 3955 kW RPM: 750
El motor Boost mode:	1000 kW RPM: 1200

### BRUNVOLL SUPPLY

Reduction Gear	ACG 980K
PTO / PTI	PF 680
Propellers	CP95, 4500 mm nozzle propeller
Nozzle	19A
Control System	BruCon Propulsion & Thruster Control
Thrusters	Bow: AR63 LTC 1750 - 850 kW Stern: FU63 LTC 1750 - 950 kW



### Diesel Mechanical Hybrid Propulsion for Boost mode

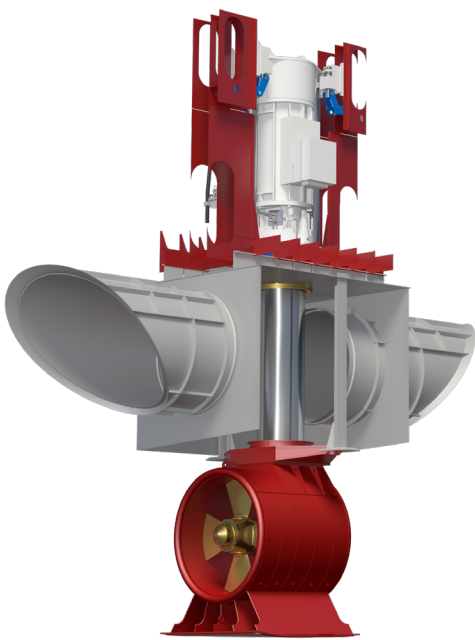
This is a diesel-mechanical/hybrid propulsion system with PTO/PTI. The diesel engine runs the propeller via the reduction gearbox, with PTI (power take in) designed for boost mode.

A combi retractable azimuth/tunnel thruster in the bow will in addition to excellent manoeuvring, also function as a redundancy mode for power-take-home (PTH) purpose.

This configuration is a robust, fuel efficient and flexible system, with high redundancy.

## Gollenes Pelagic Trawler

Brunvoll propulsion, manoeuvring and automation systems are available in a wide configuration variety. Efficiency and sustainable operation is the target when Brunvoll is designing the system for a specific vessel. Optimum efficiency according to the operating profile of the individual ship and her specific needs.



### Brunvoll Combined Retractable Azimuth / Tunnel Thruster

The ultimate multi tool.

Excellent manoeuvre capabilities during operation in rough sea and strong wind.

The combi thruster function as a conventional tunnel thruster in upper position and as an azimuth thruster for 360° operation in immersed position.

The azimuth thruster is typically used for effective manoeuvring and in case of an emergency situation.

Increases efficiency as peak shaving during operation in combination with main propeller.

Redundancy as power take home (PTH-mode).



### BruCon Propulsion and Manoeuvring Control

A modern control system platform for all propulsion and manoeuvring units and configurations. The optimum choice for the simplest to the most demanding system applications.

Standardised hardware and software components ensure common approach to user interaction, physical appearance and system architecture. Cyber security is part of the design, reducing risk while providing accessibility.

BruCon has an easy user interface. The system optimises the performance of the entire propulsion & manoeuvring operation. The modern system architecture makes it prepared for future functionalities.