



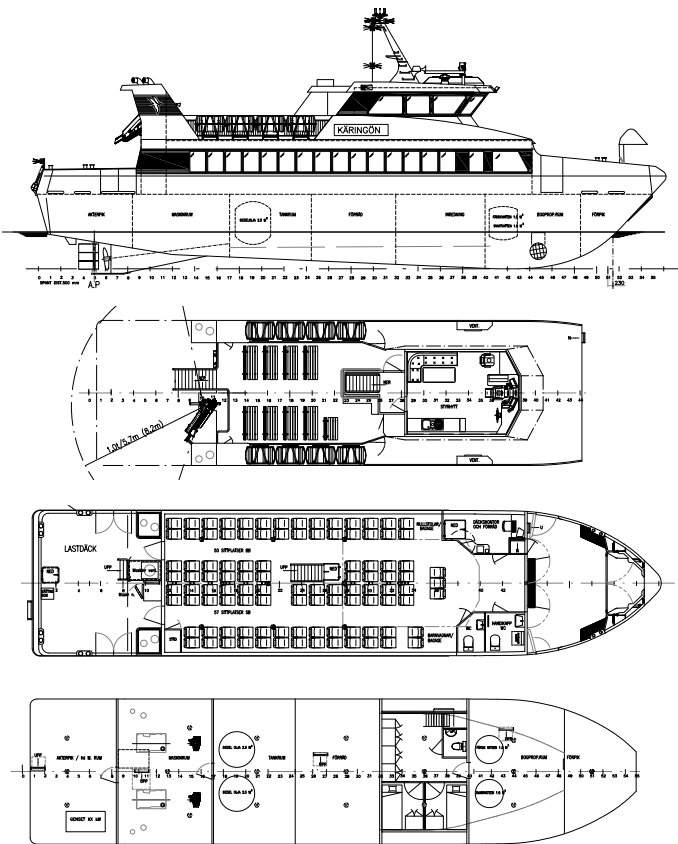
## 28 M PASSENGER FERRY



The 28 m ferry is built with steel hull and aluminum superstructure. The hull and its propulsion is made for operation in ice conditions. A strong bow thruster and two main engines offers good maneuverability in congested harbors. The passenger cabin has an open layout with 110 seats and 50 seats on weather deck. Aft of the passenger cabin there is a large cargo deck area with a crane for loading and unloading. Cargo is handled via the bow ramp.

[www.swedeship.se](http://www.swedeship.se)

# 28 M PASSENGER FERRY



## 28 m Passenger Ferry - Data

Length o.a.	28.38 m
Length between perpendiculars	23.23 m
Width	6.50 m
Draft	1.70 m
Depth molded	3.34 m
Speed	11 Knots
Navigation area	E
Passenger Capacity	198 (99 in the saloon)
Delivered	2007

## Propulsion

- Main engines: 2x Scania DI12, 331 kW
- Gear: ZF 550V
- Propeller: 2x Fixed pitch propellers, ice reinforced
- Bow thruster Petters Marine Hydraulics ST 60-80
- Steering: Tenfjord
- Rudder: Swedeship large area with ice knife

## Electric and electronics

- 24VDC main voltage
- 3x230VAC inverter, full 230VAC supply onboard
- Harbour genset 28kVA
- 400VAC 16A shore connection
- Starting battery groups
- Consuming battery group providing power for all loads without need for genset
- Cross connections between battery groups
- Passenger information audible and visual
- Radar
- Chart system
- GPS Compass
- AIS
- VHF DSC
- VHF
- VHF hand held x2
- Magnetic compass
- Search light
- Infrared camera
- CCTV

## Rules

- Swedish Maritime Authority
- Operation area: E
- Hull: DNV Ice 1C
- GMDSS: A1

## Equipment

- Bow visor: Swedeship aluminum structure automated with hydraulics
- Crane: Palfinger PK6500M
- Genset: Onan 28kVA
- Hydraulic power pack: 2x main engine pumps
- Floor heating in passenger area
- Air conditioned wheelhouse
- Crew pantry and relax areas
- Office and service area
- Passenger WC and HWC

