

45m Motor Yacht

General

Yard No	-
Type	Trawler motor yacht
Naval Architect	ARK YACHT
Technical Consultant	ARK YACHT
Interior Styling	ARK YACHT
Builder	ARK YACHT

Principal Dimensions & Main Specifications

Length overall (LOA) (inc. platform)	45.00m / 147.60ft
Length waterline (LWL)	40.56m / 133.03ft
Breadth (moulded) (B)	9.00m / 29.52ft
Draft (T)	3.50m / 11.48ft
Displacement (Δ)	320 tons
Speed max. (V)	14 knots
Passenger	10
Crew	8+1
Class	upon request

Technical Information

Construction

Hull Material	Steel
Structure Material	Steel

Main engine

2x1550 HP

Steering system

Hydraulically operated steering system
1 x Main steering position in the wheelhouse

Gearbox

Twindisc or ZF

Tank capacities

Fuel	21000 ltr
Fresh water	8500 ltr
Gray water	3500 ltr
Black water	2000 ltr

Propeller & Installation

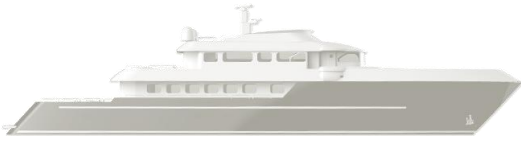
4-blades propeller

Generators

2 x 40 Kva

Bow thruster

Hydraulic thruster



Deck equipment

Fixed sitting areas on aft decks
Sunbathing area for 8-10 persons
Sun tent
Electrohydraulic windlass
Stainless steel, hydraulic gangway
Electrohydraulic steer
Hydraulic system unit

Boiler

2 x 120 lt

Watermaker

150 lt / h

Wastewater treatment system

2000 lt / day

Air-conditioning

Central

Standard equipment

CO2 Fire extinguish system in engine room
Bilge & fire pumps
Noise & Fire Insulation

Navigation equipment

Navigation system
Radar – charts
GPS – AIS
Gyro compass
Navtex receiver

Communication equipment

VHF
Satcom-C
Telephone exchange
GSM

Electrical details

Separate electric systems of 220V and 24V fed by gensets and batteries.
Shore connection of 220V.
Inverter and battery chargers.
24V lighting system and 220V sockets in all accommodation areas.
Navigation lights.