



ICEYACHT



ICE 68m





Exterior



Exterior



Exterior



Exterior



Exterior



Exterior



Exterior





Exterior



Exterior



Exterior



Exterior



Exterior



Exterior



Exterior







Owner's Office

Preliminary



Owner's Office

Preliminary



Owner's Dining Area

Preliminary



Owner's Massage Room & Gym

Preliminary



Owner's Massage Room & Gym

Preliminary



Owner's Bath

Preliminary



Owner's Bath

Preliminary



Main Saloon

Preliminary





Main Saloon

Preliminary



Main Saloon

Preliminary



VIP Cabin

Preliminary



VIP Cabin

Preliminary



Guest Twin Cabin

Preliminary



Guest Twin Cabin

Preliminary



Galley

Preliminary



Galley

Preliminary



## The Short Specification

### MAIN CHARACTERISTICS

Name:	ICE 68m	
Yacht Type:	Full Displacement Motor Yacht	
Registered Type:	Commercial Yacht	
Builder:	AES YACHT with ICE YACHT cooperation	
Brand:	ICE YACHT	
Year:	2023	
Construction Project Name:	ICE 68 M	
LOA (M/FT):	67.52 M	221'52"
LWL (M/FT)	66.46 M	218'04"
Beam (M/FT):	13.00 M	42'65"
Draft (design load) (M/FT):	3.25 M	10'66"
Depth (moulded to main deck) (M/FT):	5.83 M	19'12"
Air Draft (height above DWL) (M/FT):	22.63 M	
Gross Tonnage:	1,780 GT	
Displacement (design Loaded):	1,382 T	
Hull Material:	Steel	
Superstructure:	Steel (Main Deck) Aluminum (Upper & Bridged Deck & Navigation Mast structure)	
Decks:	Teak	
Flag:	Cayman Islands	
Classification:	ABS, Maltese Cross, +A1, E, Commercial Yachting Service, Maltese Cross AMS, ACCU	
MCA:	LY3 Compliant	
Interior & Exterior Styling:	Hot Lab	
Naval Architecture Calculation:	Van Oossanen	
Detailed Design & Engineering:	SEFT Engineering	
Interior Design:	Hot Lab	
Crew Interior & Exterior Decks:	Hot Lab	
Noise, Vibration & Insulation Consultant:	Van Cappellen	
Hull Optimisation:	Van Oossanen	
Main Engines:	2 x CATERPILLAR, 3516C, 1,600 rpm, A-rating, 16 Cylinders	
Max Speed:	14 knots at %100 MCR	
Cruising Speed:	12 knots at %75 MCR	
Range:	5,260 @ 10 knots (with a 10% safe margin)	
Guest Accommodations:	6 Guests in 12 Staterooms	
Crew Accommodations:	19 Crew in 11 Cabins	

### MAIN MACHINERY

Main Engines:	2 x CATERPILLAR, 3516C, 1,600 rpm, A-rating, 16 Cylinders	
Propulsion Power:	2 x 2000 HP (2 x 1492 kW)	
Drive Type:	Propeller	
Engine Controls:	ZF MATHERS 785 CE	
Gear Box:	ZF 7641 – Ration 4:1, 0	
Shaft Maker, Diameter & Qty:	Wartsila, 160 / 185 mm / 2 pcs	
Complete Shaft System:	WARTSILA	
Flexible Coupling and Thrust Bearing:	VULKAN	
Stern Tube Material:	Mild Steel	
Number of Propeller and Material:	2 x Ni – Al – Bronze, low noise design	
Propeller Dia / Number of Blades:	1990 mm / 5 skewed blades	
Propeller Make / Pitch:	WARTSILA	
GENERATORS & ELECTRICITY		
Output/Electricity:	230 / 400 V – 50 hz	
Generators:	3 x CAT 9.3 250 ekW + 1 x CAT 7.1 150 ekW	
Emergency Generator:	1 x CAT 7.1 143 ekW	
Shore Power:	MAGNUS 200 kVA	

### CAPACITIES

Fuel Capacity:	161,500 Litres	42,725 US Gallons
Overflow tank:	5,211 Litres	1,377 US Gallons
Fresh Water Capacity:	43,200 Litres	11,429 US Gallons
Grey Water:	39,374 Litres	10,402 US Gallon
Black Water:	7,174 Litres	1,895 US Gallon
Lube Oil:	1,873 Litres	495 US Gallons
Waste Oil:	2,094 Litres	553 US Gallons
Bilge Water:	4,737 Litres	1,251 US Gallons
Sludge:	2,094 Litres	553 US Gallons

	Speed	Consumption p/h	Range	RPM
Maximum	14 knots	787 lt	2605	1600
Cruising	12 knots	418 lt	4130	1270
Economical	10 knots	274 lt	5260	1035



**ICEYACHT**