



SAPPHIRE

165' (50.50m) 2009 Trinity Yachts
Fort Lauderdale Florida United States



OVERVIEW

Manufacturer:	<i>Trinity Yachts</i>		
Engines:	2 MTU	Hull Material:	Aluminum
Engine Model:	16V 4000 M90	Cruise Speed:	15 Knots
Engine HP:	3650	Max Speed:	23 Knots
Beam:	28' 2"	Cabins/Heads:	7 /
Max Draft:	50' 10"	Fuel Type:	Diesel
Water:	2638 G (9985.91 L)	Fuel:	15523 G (58760.92 L)

\$15,950,000



Data Sheet

Category: Superyacht
Condition: Used
Model Year: 2009
Refit Year: 2021
Beam: 28'2" (8.59m)
Max Draft: 50' 10" (15.49m)
LOA: 165' 8" (50.50m)
LWL: 143' 11" (43.87m)
Cabins: 7
Sleeps: 20
Convertibles: 2
Pullmans: 4
Single Berths: 2
Double Berths: 1
Queen Berths: 1
King Berths: 3
Full Beam Master: Yes

Crew Cabins: 7
Captain's Quarters: Yes
Crew Sleeps: 13
Maximum Speed: 23 Knots
Cruise Speed: 15 Knots
Range NM: 4000
Fuel Type: Diesel
Hull Material: Aluminum
Hull Shape: Semi Displacement
Air Conditioning: Yes

Gross Tonnage: 478
Stabilizers: Standard and Zero Speed
Stabilizer Brand: Quantum
Fuel Tank: 15523 gal (58760.92 liters)
Fresh Water: 2638 gal (9985.91 liters)
Holding Tank: 422 gal (1597.44 liters)
Classification: ABS
Builder: Trinity
Designer: James McFarlane
Interior Designer: James McFarlane
HIN/IMO: TTY16554K910

Engines/Generators

Engine 1

MTU
16V 4000 M90
3650HP
2721.81KW
Fuel: Diesel
Hours: 1617
Hours Date: 03-12-2024
Location: Port

Engine 2

MTU
16V 4000 M90
3650HP
2721.81KW
Fuel: Diesel
Hours: 1614
Hours Date: 03-12-2024
Location: Starboard

Generator 1

Northern Lights
M1066A2
145KW
1800.00RPM
Hours: 6034
Hours Date: 03/12/2024

Generator 2

Northern Lights
M1066A2
145KW
1800.00RPM
Hours: 6013
Hours Date: 03/12/2024

Summary/Description

SAPPHIRE was built by Trinity Yachts and launched in 2009. She is a proven world class motor yacht that has spent the past several years exploring remote areas of southeast Asia. In 2019 she received a major 10-year refit and in 2020/2021 she received new engines and generators.

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SAPPHIRE can sleep up to 20 guests in 7 flexible staterooms. The Owners' suite is located on the bridge deck facing aft with sliding glass doors onto the bridge deck aft. The suite features an ensuite with a large bathtub and a walk-in closet. One double cabin can be found on the bridge deck and the second can be found on the main deck. Below deck you will find two triple cabins, each with a queen and twin bed, and both with an ensuite featuring a tub. Further forward are two twin cabins, each with their own pullman berths and an ensuite bathroom with a shower.

There is ample outdoor space for entertaining, with a large dining table on the main deck, versatile seating and lounging on the bridge deck, and more seating on the Portuguese bridge--perfect for sun downers. The sun deck is expansive with a jacuzzi, bar area, lounging areas, and an al fresco dining area that is perfect for relaxing with friends and family.

SAPPHIRE boasts options for both indoor and outdoor dining, with an elegant dining table in the salon that seats up to 12 guests. The main salon also features a bar, comfortable seating with a hidden TV, and beautiful oversized windows for natural light. Forward of the salon is a recreational room, which is perfect as an entertainment space for kids that can easily be converted to a VIP cabin.

Exceptionally comfortable, SAPPHIRE is equipped with Quantum Zero-Speed stabilizers and features a pair of 3,650HP MTU engines that give her a top speed of 23 knots and a more economical cruising speed of 15 knots.

Main Specifications

MAIN SPECIFICATIONS

Length Overall: 50.5m (165'8")

Length at Waterline: 43.86m (143'11")

Beam: 8.59m (28'2")

Draft: 2.59m (8'6")

Air Draft: 15.50m (50'10")

Year Completed: 2009

Model Year: 2009

Refit: 2019 & 2020/21

Type: Custom Tri-deck Motor Yacht

HIN:TTY16554K910

Tonnage: 478

Net Tonnage: 143

Displacement: Semi-Displacement

Cabins: 7

Guests: 20

Crew: 12

CONSTRUCTION

Builder: Trinity Yachts LLC

Naval Architect: Trinity Yachts LLC

Exterior & Interior Design/Stylist: James McFarlane

Hull Material: Aluminum

Deck Material: Teak & Nonskid on Sun Deck

Classification: American Bureau of Shipping

SPEED

Maximum: 23 knots

Cruising: 15 knots

Economical: 12 knots

Range: 4,000nm

Consumption @ Cruising: 300L/pHr

CAPACITIES

Fuel: 58,761L (15,523.011g)

Water: 9,986L (2,638.022g)

Grey Water: 6,101L (1,612g)

Black Water: 1,597L (422g)

Lube Oil Capacity: 2,294L (606g)

Waste Oil Capacity: 1000L (265g)

CLASSIFICATION & CERTIFICATIONS

Flag: Marshall Islands

ISM: N/A

Classification: American Bureau of Shipping

ISPS: N/A

Machinery

MAIN ENGINES

Engine Type: 2 x MTU 16V 4000 M90

Horsepower: 3650

Engine Serial Numbers: 527 104 598 & 527 104 599

Main Engine Hours (Port): 1617 (as of 3/12/24)

Main Engine Hours (Stbd): 1614 (as of 3/12/24)

***At the time of zero hour overhaul, ME:**

Port - 9003 hrs

STBD - 9500 hrs

***MTU-Go is installed, so MTU can monitor remotely**

GENERATORS & ELECTRICITY

Output: 290 KW

Generators: 2 x Northern Lights 145 kW@1800rpm Model M1066A2 120/208-3-60

Generator Fuel Consumption: 23L/pHr

Port Generator Hours: 6034 (as of 3/12/24)

Starboard Generator Hours: 6013 (as of 3/12/24)

Shore power: ASEA AC75LC-3

BATTERIES

Generator Starting: (2) 2 x 12-volt AGM Full River FT1450-8D 225AH

Emergency: 2 x 12-volt Lead Acid Northstar NSB 190FT BLUE+ 180AH

PROPULSION & STEERING

Gearboxes for Main Engines: ZF - 7640

Stabilizer: Quantum Marine QC-1800 Zero Speed q/ ARC -3001 MK2 Controller

Stabilizer Underway: Yes

Stabilizer at Anchor: Yes

Steering System: Engine Monitoring Inc. Model DE03 Dual x 3HP HPU FFU

OTHER MACHINERY

Water Makers: 2 x FCI - NM55263+APC

Water Softeners: 1 x HEM K50

Bow Thruster: Quantum Marine QT-150 150-hp

Fuel Separator and Filtration: Alfa Laval MAB 104 B 14/42

Sewage System: HeadHunter TW-300B

Fresh Water System:

- **Pumps:** 2 x Grundfos 30 SQE-130 MODEL- B/E P2 1737

- **Treatment:** Silver Sterilizer - Brannstrom Silster 168

UV - Atlantic Ultraviolet Corp. Model No. S2400C

Oily Water Separator: Recovered Energy Inc. - Boss 2.2T/107

Air Compressor: Jenny Products Inc. Model G

Air Conditioning: 5 x Marine Air Makeup Air Units, Panasonic Exhaust Blowers

Chillers: H&H

Communication & Navigational Equipment

PILOTHOUSE

SAT COM: Tracphone 252 + KVH FB500 + Thuraya FDU 3500

Telephone System: Panasonic PBX KX-TDA200

SSB: Furuno FS1570 w/ Coupler

VHF: 2 x FURUNO FM -8800

MF/HF: FURUNO/ FS 1570

Iridium: Thales VesselINK

Navtex: FURUNO / NX-700B

Enhanced Group Call: FURUNO / FELCOME-15

NAVIGATION SYSTEMS

Radar: 2 x X-Band Radars Furuno / FAR-28-7 Series

Gyrocompass: C-Plath Navigat X MK2

Magnetic Compass: Ritchie Powerdamp

Auto Pilot: C-Plath Navipilot 4000

Depth Sounder: Furuno Instrumentation w/7 RD30 Displays

GPS: FURUNO / GP-170

AIS: FURUNO / FA 150

Ships Computer: Email Server Comp. – VEI E-Server & Router

Laser Plotter: Raymarine

Wind/Speed Log: Furuno Instrumentation w/7 RD30 Displays

ENTERTAINMENT SYSTEMS

VSAT: Seatel 4004

TVRO: Seatel 4004

iPads: Crestron

Galley & Laundry Equipment

MAIN GALLEY EQUIPMENT

Cooktop: Gaggenau Vario Flex Induction 400 Series

Oven: 2 x Gaggenau HLEB38(8)

Refrigerator: 1 x Cospolich Walk in Fridge

Freezer: 1 x Cospolich Walk in Freezer

Additional Refrigerator: Delfield GAR1NP-S-IV

Additional Freezer: Delfield GAF1P-S-I18

Dishwasher: Hobart Lxec

CREW GALLEY/ MESS

Fridge: Marvel ML24RAS2LS

Microwave: KictchenAid KBMS1454SSS-1

Dishwasher: Miele - GG07

LAUNDRY

Washing Machines: 2 x Miele - PW6068

Dryers: 2 x Miele - PT7138

Deck Equipment

Anchor Windlass: 2 x Muir VRC-11000 Hydraulic w/ handheld Pendants

Aft Warping Capstans: 2x Muir VRC-4000 w/ footswitch

Anchors: 2 x HHP "Talon HP" anchors

Anchor Chain: 2 x 165m

Boat Crane and Davits:

Sundeck Crane: Nautical Structures EZ-5000-EX-204 258w/Freefall MCA

Foredeck Crane: Nautical Structures Eur1300-1700-MCA Compliant w/DC Emergency Power

Passarelle: Marquit Hydraulic 23.7ft Telescopic 8-Function Passarelle w/RF Control

Tender & Toys

- 1 x Sea-Doo 2020 GTX LTD 230 HP

- 1 x Sea-Doo 2020 GTX 230 HP
- Novurania Launch 650 (6.5m)
- Neuvisa Rescue Boat (4.19m)

Note: Subject to change and/or negotiation during the buying process.

Security, Firefighting, & Safety Equipment

SECURITY

CCTV System: Seven Cameras + Bosch MR16 DVR

Monitors: Servowatch System

FIRE FIGHTING EQUIPMENT

Fire Control System: Consilium Fire Detection System

Fire Extinguishers: 26 x 4.5 kg Dry Powder, 1 x 1 kg Dry Powder, 2 x 2kg Dry Powder, 1 x 6kg Dry Powder, 6 x 9kg Dry Powder, 2 x 5kg CO2, 5 x 9Ltr Foam

Fireman Suits: 2 x setups

Alarms: Servowatch System

Fire Pumps: Main Fire Pump in Engine Room, General Service pump in Engine Room, Emergency Fire pump in Steering Gear Compartment

CO2 System: Fixed CO2 system in Engine Room

SAFETY EQUIPMENT

Life Rafts: 4 x 25 person RFD Surviva Mk IV TO inflatable Life-raft

Life Rings: 4 x lifebuoys

EPIRBS: 2 x ACR / RLB, S/N 10134 – Battery expires July 2023

Lifejackets: 43 x Adult Life Jackets, 9 x Child Lifejackets, 14 x inflatable lifejackets

Immersion Suits: 14 x Immersion Suits

Flares: 6 x Red Parachute Rocket Flares, 6 x handheld flares, 2 x smoke floating signal flares

Line Throwers: 2 x Line Throwers

Medical Equipment: Medaire – Category A Pack

SART: 2 x JOTRON / TRON SART-20, 9 Ghz, S/N 49149 & 49150 battery expiry July 2023

Accommodation & Layout

Guests:

Port Fwd: 3 Pax (Twins or King (Convertible) plus pullman)

Starboard Fwd: 3 Pax (Twins or King (Convertible) plus pullman)

Port Aft: 4 Pax (King and single plus pullman)

Starboard Aft: 3 Pax (King and Single)

Bridge Deck: 2 Pax (Double)

Master: 2 Pax (King)

Main deck: 3 Pax (Queen plus pullman)

Total: 20 Guests

Crew:

Captain: 1-2 Pax (Double bed)

Main Deck STB: 2 Pax (Bunk beds)

Lower Deck Port: 2 Pax (Bunk beds)

Lower Deck Stb Aft: 2 Pax (Bunk beds)

Lower Deck Stb Fwd: 2 Pax (Bunk beds)

Engineer Cabin: 1-2 Pax (Pullman Bed)

Engineer Cabin: 1 Pax

Total: 11-13 Crew

Refits & Works Completed

REFITS & WORKS COMPLETED

2019

Deck

- Full exterior paint job
- Cushion covers replaced

- Main deck table
- Main deck seating
- Owners deck seating
- Sun deck seating
- New Perspex on sun deck
- Jacuzzi on sun deck replaced
- Sun deck bar area and table tops replaced
- Teak decks sanded
- Capping rails stripped and refinished

Interior

- New Galley flooring
- Galley painted
- New refrigeration compressor area in bosun store rebuilt
- New carpet in lower guest
- Refinished main deck and dining room flooring
- Laundry room flooring replaced
- Air handlers in Master replaced
- Marble polished
- All ducts cleaned
- A/C System

Engineering

- New H&H chiller installed
- New chilled water loops installed
- New fuel tank sensors installed
- Fresh water tanks repaired and coated
- Quantum Stabiliser Served

Bridge

- Night vision camera replaced
- New Raymarine plotter
- New mast search lights
- New mast antennas

Hull

- Antifouling
- New zinc anodes
- True-hull valves inspected & sea chest
- Rudders removed and re-installed
- Inspection of shafts, seals and bearings
- Shafts removed and inspected

- Hull Plating and stern tubes

Safety

- Outboard Harken track replaced

AVIT

- Upgraded movie server & Av hardware
- New exterior speakers

2020/2021

Deck

- Hull repainted
- New ice machine on sun deck
- New sun deck awning
- Replaced glass paneling of main deck and owner's deck sliding doors

Interior

- Crew mess flooring replaced
- Replaced crew mess table top
- Varnished bridge floor
- Replaced all interior lights with LEDS
- New crew mess dishwasher
- All interior door handles replaced
- Replaced guest bathroom tapware

Engineering

- New Generators
- New Engines
- Tank inspection, cleaning and repainted
- Gearbox servicing
- New water softener installed
- Majority of guest accommodation pipework replaced
- New fire detection system
- Paint engine room bilges
- MTU Go system installed
- Pipework

Hull

- Shaft removal, replaced bearings and shaft seals
- Pressure washed and antifouling applied

Disclaimer

The company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct his agents, or his surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change or withdrawal without notice.



SAPPHIRE



SAPPHIRE



SAPPHIRE



SAPPHIRE



SAPPHIRE



SAPPHIRE



SAPPHIRE



Aft Deck



Aft Deck



Salon



Salon



Salon



Dining



Main Deck Rec Room



Master



Master



Master



Master Bath



Master Bath



Bridge Deck Guest



Bridge Deck Guest Bath



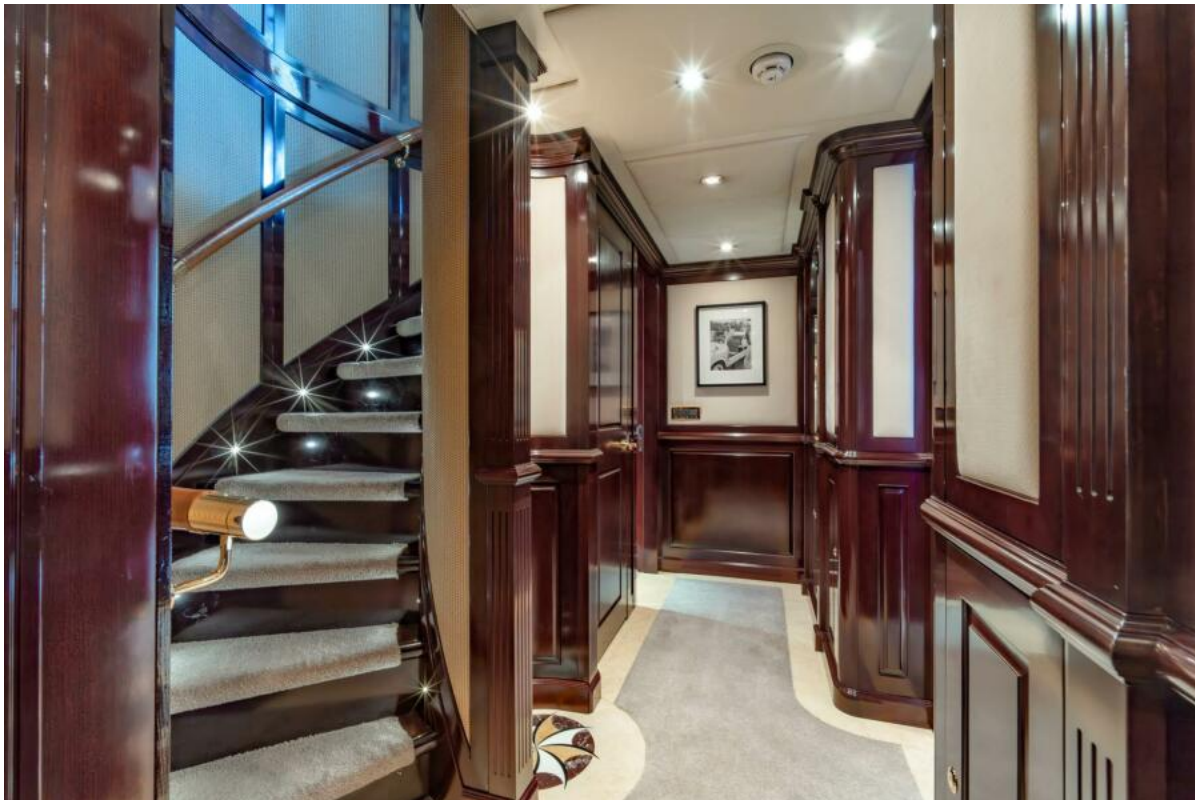
Main Deck Guest



Main Deck Guest Bath



Main Deck Day Head



Lower Deck Foyer



Guest 1



Guest 1 Bath



Guest 2



Guest 2 Bath



Guest 3



Guest 3 Bath



Guest 4



Guest 4 Bath



Galley



Galley



Galley



Bridge



Bridge



Bridge Deck Aft



Bridge Deck Aft



Bridge Deck Aft



Sun Deck



Sun Deck



Sun Deck



Sun Deck Jacuzzi



Bow



Bow



Engine Room



Engine Room



Crew Accommodations



Crew Accommodations



Crew Accommodations



SAPPHIRE



SAPPHIRE



SAPPHIRE



SAPPHIRE