

TO-KALON — BURGER



Builder: BURGER

Year Built: 2008

Model: Motor Yacht

Price: PRICE ON APPLICATION

Location: United States

LOA: 101' 6" (30.94m)

Beam: 22' 6" (6.86m)

Min Draft: 5' 5" (1.65m)

Max Draft: 5' 9" (1.75m)

Cruise Speed: 23 Kts. (26 MPH)

Max Speed: 28 Kts. (32 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **To-Kalon — BURGER** from **our catalogue**. Presently, at **Shestakov Yacht Sales Inc.**, we have a wide variety of yachts available on **our sale's list**. We also work in close contact with all the big **yacht manufacturers** from all over the world.

If you would like to buy a yacht **To-Kalon — BURGER** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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SPECIFICATIONS

Overview

ToKalon is a 100% custom built Yacht from conception to completion. Still owned by her original owners, in 2006 her owners decided to build a custom yacht from scratch. They had extremely specific requirements which could not be met by production yacht manufactures. So the yacht had to be 100% custom.

Engineered For World Travel One of the key features of To-Kalon is that she was specifically designed and engineered for world travel. Her owners had specific travel destinations in mind which included travel from Spain to the Greek Island, Bahamas, Eastern Seaboard of the USA, and Nova Scotia through the Great Lakes. The owners also required the vessel to be built to ABS Class as safety and reliability was of the up most importance. To achieve this length, draft, speed, and cruising range, were of key importance.

Length was of concern as the owners desired to dock in port at their destinations. Typically vessels built to the standards of To-Kalon are in excess of 45M or 150' in length. This size point would not work for mooring in port at 90% of their desired destinations. Thus To-Kalon was built at 101'6" so she could dock in port where others would have to anchor off shore.

Draft was a key factor as well as many of their desired destinations required shallow draft vessels and or waiting for tides for entry and exit. So much effort and engineering was dedicated to achieve 5'5" draft.

Speed was paramount in the design of the vessel. The owner demanding not less than 22 knots at full load. This was a daunting task with the rest owners of the requirements of the vessel. Tank testing at the University of Michigan was conducted prior to construction to make sure this was achieved.

Range was a key factor as well. The owners desired a range of 700 nautical miles of continues running at speeds over twenty knots. This allowed To-Kalon on her maiden voyage to depart the Burger plant in Wisconsin, and to arrive in Ft Lauderdale in just 15 days.

By achieving all of the above, and having world compatible power systems aboard, has allowed To-Kalon to successfully travel to all of the owners desired destinations.

Basic Information

Category: Motor Yacht

Sub Category: Enclosed Bridge

Model Year: 2008

Year Built: 2008

Refit Year: 2018

Refit Type: ABS Inspection 10 yr

Country: United States

Registration #: 70561

Vessel Top: Enclosed

Fly Bridge: Yes

Dimensions

LOA: 101' 6" (30.94m)

Beam: 22' 6" (6.86m)

Min Draft: 5' 5" (1.65m)

Max Draft: 5' 9" (1.75m)

Speed, Capacities and Weight

Cruise Speed: 23 Kts. (26 MPH)

Cruise Speed Range: 700

Max Speed: 28 Kts. (32 MPH)

Gross Tonnage: 206 Pounds

Water Capacity: 1320 Gallons

Holding Tank: 325 Gallons

Fuel Capacity: 6260 Gallons

Accommodations

Total Cabins: 5

Hull and Deck Information

Hull Material: Aluminum

Engine Information

Engines: 2

Manufacturer: MTU

Model: 16V2000

Engine Type: Inboard

Fuel Type: Diesel

DETAILED INFORMATION

Overview

ToKalon is a 100% custom built Yacht from conception to completion. Still owned by her original owners, in 2006 her owners decided to build a custom yacht from scratch. They had extremely specific requirements which could not be met by production yacht manufactures. So the yacht had to be 100% custom. Several custom yacht manufactures were entertained around the world, but in the end they decided to go with Burger yachts. The criteria was to build a yacht with the quality and safety features of a 200'+ yacht in a body of no longer than 101'4". Additional criteria was to have top speeds close to 30 knots, range at cruise speed (22+ Kn) of 700 nautical miles, draft of approximately 5.5' at full load, world travel capability and electrical systems to be comparable, and built to ABS class.

To complete this challenging task Cor D. Rover was brought in for the styling and design from the waterline up and Donald L. Blount and Associates was contracted for naval architecture for the waterline down. Cor D Rover is a well-known Dutch designer that creates timeless designs for large yachts. Donald L. Blount and Associates is known for their integrated systems-hull shapes, propulsion sections, and achieving low weight targets. Donald Blount also was the head of the U.S. Navy design team for everything up to 200'. Burger Yachts was tasked with the challenge of producing an elegant lightweight interior while maintaining their traditional interior standards. Needless to say the owner's criteria made for an extremely challenging project. In order to achieve their criteria weight control was essential. One of the contributing elements used by Burger yachts to eliminate excess weight was the use of Alustar aluminum alloy. This aluminum alloy is lighter and stronger than traditional marine alloys. Additionally the hull design was tank tested at the University of Michigan to ensure the hull design was optimal prior to construction.

Additionally the owners wanted strict oversight of the project. They hired Dean Vaughn who is an experienced yacht manager and engineer. Dean moved his family and lived in Manitowoc, WI (location of Burger plant) until launch and followed up with the boat until work was completed several weeks later. In addition to Dean's oversight the owners Captain who is still aboard the vessel was on site once a month during construction and full time for the last three months before delivery. This provided for the highest level of quality control possible.

Since ToKalon's departure from the Burger plant in October 2008 the quality control of the construction has been continued in her maintenance. She receives an annual ABS safety inspection as well as completed her 5 year and 10 year ABS class survey inspections. These inspections have maintained her to ABS class since new. Her last ABS survey was completed in the summer of 2018

Walkthrough

As you walk up to ToKalon you're struck with her size, stature, and timeless design. Boarding her aft deck you're taken by her beautiful teak decks and large round teak table with seating for 8. You have access around the entire vessel via her side deck walk ways. This allows owners, guest, and crew to navigate around the exterior decks of the vessel freely without accessing the salon. There is a crew door on the forward port side of the vessel giving the crew direct access into the laundry, galley, and their quarters without going through the owners areas. There are two stair ways to the swim deck port and starboard on the aft deck. On the swim deck there is a door accessing the engine room. Back up on the aft deck there is an additional crew access into the engine room for access underway as well as a crew ladder to the fly bridge.

Entering the salon from the aft deck, there are double doors that are automatic by push of a button. Upon the opening of the doors you are taken back by the size, beauty, and of craftsmanship of the Sapele paneling with accents of Sapele Pomele. This exquisite wood work is seen on the vessels main deck and staterooms.

Port side in the salon you have a large couch and two end chairs, starboard you have built-in cabinetry with high low TV. The salon entertainment is controlled by an Ipad that's linked through the vessels Crestron AV system.

Forward of the salon entertainment center is a beautifully crafted walk behind bar with seating for 4, or the chairs can be removed and the bar will raise for walk up entertaining. Behind the bar is a sink and storage for glass ware as well as a refrigerator.

Dining room is forward of the salon with table and chairs that can seat up to 10. Forward of the dining table is a built in china cabinet with two wine Sub Zero wine refrigerators.

Starboard of the dining room is a focal point of the salon, a beautiful open spiral staircase that was crafted from select Sapele veneers and hard woods and accented by a custom brass balustrade. The stair case is centered within three full length windows allowing an abundance of light down into the staterooms foyer.

Dayhead is located between the dining room and galley just forward of stairs accessing skylounge.

Galley is located forward of the dining room. There are double entry doors separating the galley from the dining and salon to limit noise. The galley has a country kitchen arrangement with large windows port and starboard, very large island in the center which is great for food preparation, large L-shaped dinette to starboard with seating for 6+. One of the focal points of galley is the large stainless steel double glass door

Cospolich commercial sized refrigerator/freezer. Additional appliances are all commercial grade Miele & Dacor.

Owner staterooms are accessed via the spiral staircase in the salon. There is a large Onyx foyer at the bottom of the stairs that accesses the master stateroom and two guest staterooms. Also hidden behind paneling in the foyer is a commercial grade Miele washer/dryer and there is an additional washer dryer in the crew laundry located forward of the galley.

Master stateroom is located aft of foyer through double doors. King sized bed is centerline in the stateroom, his and her closets, built-in desk, TV in ceiling above bed, and his and her baths aft in the stateroom. Baths features beautiful marble and granite finishing's.

There are two guest staterooms forward of the master. Port guest has double beds that can be joined to make a king, private ensuite bath with marble and granite finishing's. Starboard stateroom has a queen bed, ensuite bath with marble and granite finishing's. All staterooms have large hull side windows allowing an abundance of natural light into the rooms.

Skylounge, accessed via hard wood staircase to starboard of dining room. Kaya wood paneling with ebony inlays accent the room beautifully. State-of-the-art helm is located forward with a double Stidd helm seat and dinette seat and table to starboard for observation. To port is a large chart table and cabinet. Helm features (4) large 19' display monitors which provide comprehensive monitoring of all vessel systems. Systems monitoring software is by Tijssen elektro which is a state of the art monitoring soft ware usually only seen in very large mega yachts. The Tijssen is remote accessible and reports via text as well.

Aft of helm there are two couches, custom coffee table, built-in desk to starboard, and two automatic doors giving access to aft deck of flybridge.

As you pass through the doors and proceed onto the aft bridge deck there is a large teak table with 4 chairs and bench seating aft for up to 7. Additionally the hard top of the skylounge extends to cover bridge seating and table.

Aft of the bridge seating is a large raised Jacuzzi that doubles as a large sunning area when Jacuzzi is not in use. Bridge also features custom sun shade, stainless steel BBQ grill, on-deck head, and an abundance of storage. Tender and davit are located far aft on the bridge deck.

Crew and crew laundry facilities are located forward of the galley. There is a port side door in the crew laundry area that gives the crew access to the exterior of the vessel without passing through the owners areas. Down the stairs of the crew laundry in the bow of the vessel are two staterooms and two heads. The captains room is aft and has a full size bed with an additional bunk above in the event of bringing additional crew

members. Additionally there is a full sized head within the captain cabin. Forward of the captains stateroom is a bunk room with full bath within.

Galley

ToKalons Galley is equipped with commercial grade appliances and designed with full service crew and chef needs in mind.

- Cospolich stainless steel refrigerator with side by side glass doors
- Dacor microwave oven
- Miele 5 burner glass cooktop
- Stainless steel hood and vent system for cook top
- Miele dishwasher
- Dacor Oven
- Miele coffee/espresso machine
- Stainless steel double sink
- Fresh air exhaust system that brings in fresh air from out side vessel and vent system extracts cook top smells.

Galley is also separated from salon with double doors to prevent galley noise to enter the dining and salon areas.

AV System

ToKalon's AV system is a Crestron based system with an electronics tower located in the crew laundry. The system has Ipad remote capability, kaleidescape hard drive storage for movies and music, directTv receivers for all tv's, and linked to the vessels audio system with multiple zones.

Communications

ToKalon is equipped with satellite HD TV, satellite phone and data, cellular data, and on-board network for data that can be provided by one of the on-board systems or available dockside networks.

1) Sat TV Intellian HD 20152) Data Satellite , Sailor FleetOne3) Cellular data Pepwave 4G4) Aigean network 2.4 & 5 GHZ for Wifi

Technical Systems Monitoring

ToKalon is equipped with Tijssen elektro monitoring software. The system monitors every functioning system aboard the vessel. The information travels through a LAN

network aboard the vessel and can be remotely accessed from anywhere in the world. The system also reports via text. The software aboard the vessel is the latest version available.

ABS Class

ToKalon is built to (ABS) class American Bureau of Shipping.

Since design and construction of ToKalon she has been in compliance with ABS. All required annual safety inspections as well as her first five year inspection in 2013 and her 10 year inspection in the summer of 2018 have been completed and she remains compliant with ABS and in class.

World Compatible Power System

Power Sources—ASEA 75kVA dual cabinet shore power converter allows vessel to be connected worldwide on any shore power supply, it will accept any standard within the range of 170V to 520V 40-70 Hz, 1 to 3 phases and output a clean 120/208/3/60 to be fed into the main switchboard.

Engine Room & Mechanical

Main Engines—Twin 16V2000 M93 hrs 3500 every 200 hrs full service with MTU spec category 2 oil with oil samples every year since new, MTU extended W4 to being due at 5000 hrs due to mechanical history and engine run data

Generators—Twin 55 KW Kohler 120/208-V,3 phase, 60Hz 6650 Complete overhaul by RPM summer 2018 approx 75 hrs since overhaul, under warranty

Power Sources—ASEA 75kVA dual cabinet shore power converter allows vessel to be connected worldwide on any shore power supply, it will accept any standard within the range of 170V to 520V 40-70 Hz, 1 to 3 phases and output a clean 120/208/3/60 to be fed into the main switchboard.

Hydraulic Systems—there are two independent hydraulic systems1) The steering/gear control system2) The central hydraulic system including bow thruster, stabilizers, windlasses, passerelle, capstains and davit. Hydraulics are powered by both engines pto and or electric power pack when engines are not running.

Engine Room Ventilation: The engine room ventilation equipment is designed and engineered by Delta-T Systems. Ventilation of the engine room is provided by two reversible, variable speed axial fans. One fan provides intake air and the other exhausts air from the space.

Commercial grade oil change system with built in hose reels, quick connect attachments, fresh oil and waste oil tanks.

Water purification system with multiple filters and UV light purifier

Hamann Waste Treatment system, automatically treats waste and legally discharges

Watermaker Inc 1500 gal per day watermaker

Multiple carbon filters for tank systems to eliminate any onboard smells

(2) Everlast 50 Gal hot stainless steel water tanks with hot water circulation pump for instant hot water

(2) Headhunter Mach 5 fresh water pumps new 2018

Kaydon Filtration system for fuel tanks, filters fuel underway ensuring clean fuel before primary and secondary fuel filters on machinery

Pneumatech air compressor for horns and engine room hose reels for mechanical equipment

Snap-on tool box with custom tools and work bench

Sanitary System: Headhunter toilets are installed and discharge into a centralized black holding tank located in the engine room. The holding tank is connected to a Hamman Wassertechnik sewage treatment system to treat and sanitize waste water before it is discharged overboard.

Bilge Oil/Water Separator: A Heli-Sep bilge oil/water separator with OCD oil content meter is installed in compliance with USCG/MARPOL. The separator discharges clean water overboard and sludge to the sludge tank.

Steering Control System: A Jastram steering system is installed.

Fin Stabilization System: The vessel is equipped with a 2-Fin Quantum Marine Model QC 1000 stabilizer system.

Bow Thruster: The vessel is equipped with a Quantum Bow Thruster, 16 inch diameter, model QT- 120 Duo prop rated at approximately 120 hp with proportional controls in the Pilothouse and wing stations.

Chiller System

ToKalon is equipped with a MarineAir SCW 270 Chiller. This 3-stage unit employs three

7.5 ton high efficiency Copeland scroll compliant compressors. Each compressor is equipped with a Variable Frequency Drive to eliminate high current inrush and provide soft starting.

Power Management Systems

The ship is equipped with an automatic power management system with the following features:

1) Automatic starting and stopping of inactive generator triggered at load demand threshold
2) Automatic paralleling with manual back up paralleling of generators
3) Automatic shared electrical loads with electronic governor
4) Automatic paralleling voltage regulators

Pilot House Electronics

(4)-19" MarineNav Touch Screen Monitors custom made 2016
(2) Furuno 21x27 radar
Furuno FAX 30 Weather fax NavTEX
Simrad AP50 Auto Pilot
Simrad Jogging stick
Flir Night Vision
Humphries interceptors
Quantum thruster control
Furuno FCV 1200L video sounder
(2) Simrad IS20
Simrad RI35 Rudder angle indicator
Airmar weather 220WX
(2) ICOM VHF IC-M604
(2) Furuno GP-32 GPS/WAAS
Furuno FA-150 AIS
Carlisle search light
Net-Logic WatchKeeper
NavNet Charts

Lighting Systems

ToKalon has a Crestron lighting system that controls all on-board lighting. The system is programmed for each room and each has its own lighting controls.

Electrolysis Prevention

ToKalon is equipped with an Evoqua Water Technologies electrolysis meter. The meter reads the protective value between all of the vessels metals. This allows the crew to monitor electrical currents that could effect the vessels metals.

Ground Tackle

The windlass and ground tackle system include two Maxwell VCW 4000 windlasses, two Muir F84-LRD31616 chain stopper/roller/tensioners and two Davis HHP-200 anchors. System is powered by PTO from main engines and or hydraulic system through remote power pack.

Recent Maintenance and Upgrades

- Summer 2018 ABS 10 year survey completed
- Kohler gens completely rebuilt 2018 still under warranty
- Quantum stabilizers completely rebuilt summer 2018
- Sandblast and bottom paint summer 2018 with Seahawk biocop TF
- All new chiller compressors 2018
- All air handlers removed, cleaned, rebuilt or replaced in last 24 months
- Entire vessel painted 2013 with Awlgrip
- Latest software for all electronics and vessel systems
- Summer 2018 both main engine exhaust systems completely removed, pressure tested, and muffler system replaced.

Tender

2013 white Williams Turbo Jet 445

Passerelle

Nautical Structures Hydraulic, Load Holding, Telescopic

Exclusions

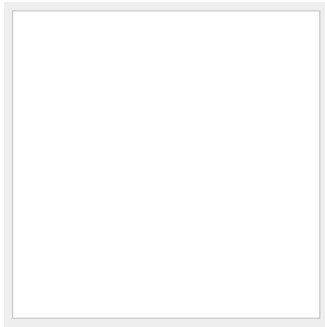
Owner's personal belongings.

Disclaimer

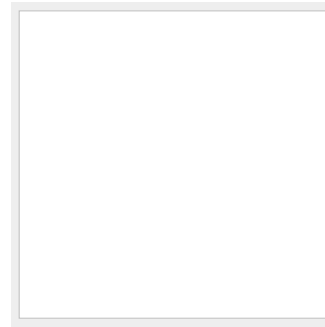
The Company offers the details of this vessel or yacht in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct his representatives, agents, or his surveyors, to investigate such details as the buyer desires validated.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

PHOTOS

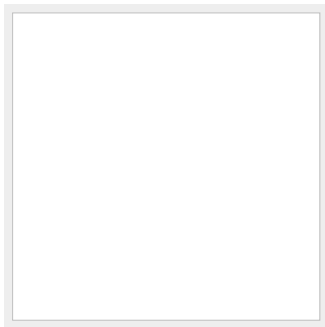
101'Burger“ToKalon”-1



101'Burger“ToKalon”-10



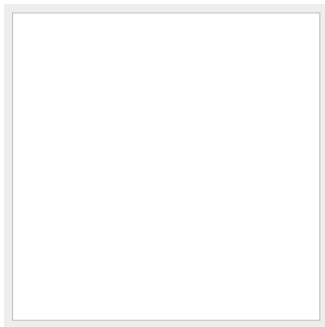
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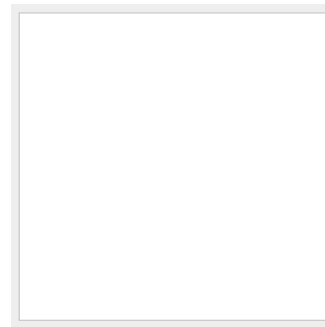
101'Burger“ToKalon”-3



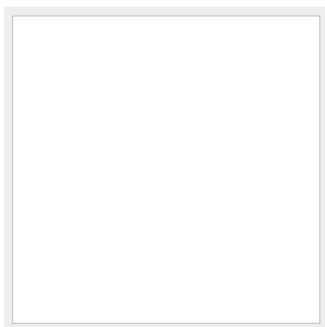
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101'Burger“ToKalon”-24



101'Burger“ToKalon”-26



101'Burger“ToKalon”-27



101'BurgerGÇ£ToKalonGÇ¥-52



101'Burger“ToKalon”-52



101'Burger“ToKalon”-54



101'Burger“ToKalon”-55



101'Burger“ToKalon”-66



101'Burger“ToKalon”-62



101'Burger“ToKalon”-56



101'BurgerGÇ£ToKalonGÇ¥-92 (2)



101'Burger“ToKalon”-102



101'BurgerGÇfToKalonGÇ¥-103



101'BurgerGÇfToKalonGÇ¥-101



101'Burger“ToKalon”-99



101'Burger“ToKalon”-100



101'Burger“ToKalon”-92



101'Burger“ToKalon”-94



101'Burger“ToKalon”-93



101'Burger“ToKalon”-96



101'Burger“ToKalon”-46



101'Burger“ToKalon”-47



101'Burger“ToKalon”-37



101'Burger“ToKalon”-38



101'Burger“ToKalon”-39



101'Burger“ToKalon”-40



101'Burger“ToKalon”-43



101'Burger“ToKalon”-48



101'Burger“ToKalon”-5



101'Burger“ToKalon”-68



101'BurgerGÇ£ToKalonGÇ¥-70



101'Burger“ToKalon”-74



101'Burger“ToKalon”-76



101'Burger“ToKalon”-75



101'Burger“ToKalon”-78



101'Burger“ToKalon”-82



101'Burger“ToKalon”-79



101'Burger“ToKalon”-84



101'Burger“ToKalon”-91



101'Burger“ToKalon”-89



101'Burger“ToKalon”-114



101'Burger“ToKalon”-110



101'Burger“ToKalon”-113



101'Burger“ToKalon”-109



101'Burger“ToKalon”-112



101'Burger“ToKalon”-111



101'Burger“ToKalon”-104



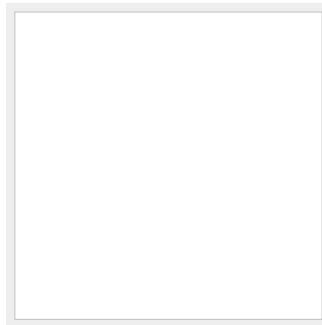
101'Burger“ToKalon”-105



101'Burger“ToKalon”-106



101'Burger“ToKalon”-108



CONTACTS

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