



*Builders of Quality Yachts*

# BRUCKMANN 42

## CRUISING SLOOP

### SPECIFICATIONS

LOA	42'2"
Beam	12'9"
Draft	5'6"
LWL	32'6"
Ballast	8,000 lbs
Displacement	22,000 lbs
Sail Area	850 sq. ft.
Engine	Yanmar 47 hp Saildrive 50 hp 2:1 V drive
Fuel Capacity	60 US Gallons
Water Capacity	150 US Gallons

### STRUCTURE

- Fibreglass roving & unidirectional reinforcements over foam floors with limber holes
- Deck flange bolted & bonded to hull flange

## HULL CONSTRUCTION



- Vinylester resin throughout
- Single piece Core-Cell cored fibreglass molding
- Extra reinforcing as required
- Core phased out in way of all thru-hulls, struts, shaft logs, rudder port & centre line
- Molded keel sump with increased laminate
- Awlgrip painted topsides & boot stripe
- Epoxy bottom barrier coat
- Owner specified bottom paint
- Awlgrip painted rum strake to match hull with stainless steel striker
- Externally fastened 8,000 lb. cast lead ballast

## DECK CONSTRUCTION

- Single piece Core-Cell cored fibreglass molding with non-skid pattern on all working surfaces
- Core phased out in way of all deck fittings
- Awlgrip painted deck & non-skid
- Fibreglass storage boxes in cockpit coaming

## SPARS & RIGGING

- Awlgrip aluminium mast & boom
- Double spreader cutter rig with removable inner forestay & runners
- 4 internal halyards, internal outhaul & reef lines
- Solid boom vang
- Harken furling
- All standing rigging Navtec solid rod except
- Wire staysail stay
- All turnbuckles Navtec with toggles at deck
- Navtec rod bobstay
- All rope running rigging, colour coded
- 2 mainsheets
- 2 genoa sheets
- 1 main halyard with shackle
- 2 genoa halyards with swivel snap shackle
- 1 staysail halyard with swivel snap shackle
- 2 staysail sheets
- 2 running backstay sheets with blocks
- 6 mooring lines
- 6 fenders
- Dodger with stainless steel frame

## STEERING

- Fibreglass foam filled rudder with stainless steel shaft and stiffeners
- Edson # 400S pedestal steering
- 36" diameter stainless steel wheel with leather wrapping
- Steering brake and stainless steel pedestal guard
- 6" Ritchie compass with stainless steel cover
- Stainless steel emergency tiller

## ENGINE & DRIVE SYSTEM

- Yanmar 4JH2E-50hp, 2:1 V drive
- 60 US Gallon aluminium fuel tank
- Racor fuel filter
- 17" feathering propeller
- Engine room sound insulation
- Blower engine room ventilation
- Hinged engine access
- Stainless steel thru transom exhaust
- Coast guard approved exhaust hoses
- Waterlift muffler

## ACCOMMODATIONS

- Standard finish white bulkheads with satin varnish trim & doors
- All interior joiner work & trim satin varnished
- Varnished teak & holly sole
- Removable overhead panels finished in satin white
- Shaped varnished valence hand hold at house side
- 5" foam upholstered cushions in main cabin & 6" foam in staterooms
- All latches, hinges, catches & pulls brass or bright chrome or stainless steel
- Corian counter tops in galley and heads

## REFRIGERATION

- Engine driven cold plate system with 2 plates
- Molded fibreglass box with 4" foam insulation
- Separate freezer & refrigerator with top & front access



## PLUMBING

- Pressure water with hot & cold faucets in heads & galley
- Water heater, 6 gallon, 110 V & engine heat exchanger
- Foot pumps for fresh & salt water in galley
- 2 stainless steel water tanks, 75 U.S. gallons per, with level gauges
- Shower with fiberglass pan with sump pump & extending shower head
- Deep double stainless steel sink in galley
- Ceramic sink in head
- Cockpit hot & cold shower
- Icebox drain pump
- Manual marine toilet
- 40 US gallon holding tank with deck pump out
- Marelon seacocks

## BILGE PUMPS

- Rule 3500 electric bilge pump with float switch
- #10 Whale "Gusher" manual bilge pump mounted in cockpit

## PROPANE

- 3 burner Force 10 stainless steel stove with oven
- 2 x 10lb. propane tanks with regulator
- Solenoid propane shutoff valve with remote switch
- All hoses & connectors meet Coast Guard or ABYC requirements

## ELECTRICAL

### Exterior Lights

- Navigation lights on bow pulpit, stern light on stern pulpit
- Steaming, foredeck, masthead & spade
- Lights on mast
- Light at compass

### Interior Lights & Fans

- Overhead dome lights in staterooms, main cabin, galley, head & engine space
- Directional reading lights in each stateroom & main cabin
- Directional light at chart table
- All light "cantaloupi" or "DanishCabin" or equivalent

### 12 Volt System

- Wiring sized & colour coded to ABYC specs.
- 1 x DS115 & 2 x 8D gel cell house batteries
- 2 explosion proof master battery selection switches
- 12V D.C. custom distribution panel with 30 amp double pole shore power main breaker, A.C. line voltage meter, polarity indicator

- 6 A.C. branch circuits
- 50 ft. shore power cord with 30 amp adaptor

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