

## HABER 660 sloop – STANDARD EQUIPMENT

### Hull and deck

- Hand made hull and deck made of glass reinforced plastic
- Deck - sandwich
- Gelcoat in white color
- Slidable hatchway at the entrance to the cabin
- Profiled centerboard – laminate – operated from the cockpit
- Inner permanent ballast – laminated
- Stainless steel towing eye

### Stationary engine

Option

### Deck equipment

- 8 plexi windows
- Aluminum / plexi hatchway
- Vent grates and stainless steel mushroom vent
- Anchor storage locker
- Ventilated compartments with inside-locking system
- Vertically sliding 3-part companionway (plexi)
- Stainless steel flagpole
- Shelves in cockpit – 2 pcs
- Bracket for fixing an outboard engine, for engines up to 37 kg of weight
- 6 cleats with stainless protection plates
- Steering device with a liftable rudder plate
- Removable helmsman seats on the stern
- Bow counter with wooden step
- Stern counters - 2 pcs
- Complete guard rail - single line
- Stainless steel folding stern ladder
- Rubrail PVC – grey

*Tiller, companionway, hatchway rails made of teak*

### Rigging: Gaff Sloop Huari

- Mast, boom and gaff – aluminum, chromate and powder coating – grey
- Stainless steel mast base with winch, cleats and stoppers
- Lowering mast system with mast prop on the stern
- Mainsail and genoa made of Dacron in white color
- Stainless steel kicking strap
- Sheet winches with the crank

### Interior furnishing and equipment

- Interior furnishing: oak wood
- Galley: 2 cupboards, 2 drawers, stainless sink with outlet, tourist gas cooker, single-burner for cartridges
- Folding table - part of the bunk
- Complete upholstery - mattresses. Broadened mattresses next to companionway - berth in the cabin
- Flexible drinking water tank - 50 l
- Electric water pump
- Bilge pumps: manual and electric
- Head with wash-basin and cupboard under, chemical toilet Porta Potti 365 with movable fastening
- Carpet in the cabin

### Electric installation

- Electric distribution board Philippi STV 108, 8 automatic fuses
- Interior lighting: 2 x forepeak, 3 x cabin, 1 x head
- Positional lights corresponding to IMO requirements (without BSH)
- Battery 110 Ah
- Voltmeter
- 12V socket

## HABER 660 SLOOP

### ADDITIONAL EQUIPMENT – ENGINE • DIESEL

Nr.	Description
<b>6A.</b>	Inboard engine VETUS M-Line M2.13, 12 hp, 2 cylinders, panel, solid propeller, starting battery, battery charging separator, plastic fuel tank 25 l - without fuel level gauge. Complete equipment with fitting, (no bracket for fixing outboard engine)
<b>6C.</b>	Inboard engine VETUS M-Line M2.18, 16 hp, 2 cylinders, panel, solid propeller, starting battery, battery charging separator, plastic fuel tank 25 l - without fuel level gauge. Complete equipment with fitting, (no bracket for fixing outboard engine)
<b>6. Y14</b>	Inboard engine YANMAR 2YM15G, 14 hp, 2 cylinders, panel, solid propeller, starting battery, battery charging separator for 2 batteries, plastic fuel tank 25 l - without fuel level gauge. Complete equipment with fitting, (no bracket for fixing outboard engine)
<b>6E.</b>	Folding propeller GORI – two blades. Additional payment, depending on the engine
<b>7A.</b>	Inboard engine NANNI N2.10, 10 hp, 2 cylinders, based on Kubota, panel, solid propeller, starting battery, battery charging separator for 2 batteries, plastic fuel tank 25 l - without fuel level gauge (no bracket for fixing outboard engine)
<b>7C.</b>	Inboard engine NANNI N2.14, 14 hp, 2 cylinders, based on Kubota, panel, solid propeller, plastic fuel tank 25 l - without fuel level gauge, starting battery, battery charging separator for 2 batteries, (no bracket for fixing outboard engine)
<b>7D.</b>	Inboard engine NANNI N3.21, 21 hp, 3 cylinders, based on Kubota, panel, solid propeller, starting battery, battery charging separator for 2 batteries, plastic fuel tank 25 l - without fuel level gauge (no bracket for fixing outboard engine)
<b>8.</b>	Electric engine
<b>10/1.</b>	Inside steering position: movable and folding helmsman chair mounted on the table in cabin, sliding console with steering wheel, hydraulic system of rudder steering and mechanical engine steering
<b>29B.</b>	Plastic fuel tank 42 l – with complete equipment (without fuel level gauge) - instead of 25 l plastic tank. Additional payment
<b>29D.</b>	Fuel level gauge
<b>30/1.</b>	Stainless steel fuel tank 60 l - complete equipment (with the fuel level gauge) - instead of 25 l plastic tank. Additional payment

### ADDITIONAL EQUIPMENT

Nr.	Description
<b>9.</b>	Tiller extension
<b>13/1.</b>	Interior furnishing - mahogany. Additional payment
<b>13/2.</b>	Interior furnishing - cherry wood. Additional payment to the standard
<b>14S.</b>	2 Portholes with mosquito net on the low roof extension
<b>15.</b>	Tourist gas cooker, two-burner for cartridges. Additional payment to standard
<b>17.</b>	Two - burner spirit cooker ORIGO 3000 on Cardan joint with installing in the galley niche. Additional payment
<b>19/1.</b>	Cooker - WALLAS 85 DT - with the plate heating the interior. Additional payment
<b>19/2.</b>	Cooker - WALLAS 85 DT. Additional payment
<b>21.</b>	Additional flexible tank for drinking water - 50 l with sink installation system
<b>22.</b>	Flexible tank for waste water - 50 l with installation system
<b>25/1.</b>	Shower: water installation (cold water) – automatic pump of waste water with floating switch-key, pulled out shower handle
<b>25/2.</b>	Shower in the cockpit (cold water)
<b>26.</b>	Device for heating the water WEBASTO THERMO TOP C with distribution installation – hot water in the galley and WC cabin
<b>27.</b>	Interior heating and water heating WEBASTO THERMO TOP C with distribution installation - hot water in the galley and WC cabin
<b>28.</b>	Interior heating (without water heating) WEBASTO AIR TOP 2000 with distribution Installation

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32.	Stay turnbuckles "Ronstan" – fast operation. Additional payment
33/1.	Reefing foresail roller – PROFURL 26 – complete equipment
35.	Quick reefing of the mainsail for 2 reefs, 2 reef lines, 2 stoppers - operated from the mast
37.	Guard rail: double line. Additional payment
38.	Guard rail - single line: side semi - pulpits + belts in the cockpit. Additional payment
39.	Guard rail - double line: side semi - pulpits + belts in the cockpit. Additional payment
40.	Companionway on hinges. Additional payment to standard companionway
42/1.	Bow ladder – folding, possibility of disassembling – stainless, stainless steel steps
42/2.	Bow ladder – folding, possibility of disassembling – stainless, teak steps
45.	Stainless steel curtain rails with curtains
46.	Two double baskets for fenders Ø 160 - on the bow counter
48.	Mainsail cover
51.	Positional lights meeting the requirements of BSH. Additional payment
52/1.	Ballast: 170 kg – possibility of taking lead blocks out + 180 kg – permanent ballast. Additional payment to the standard
53.	Protection against osmosis VC TAR2 (4 layers) and antifouling VC 17m (2 layers) – from International
55.	Autopilot ST 1000 + "Raymarine" with remote - version with tiler
56.	Bidata i40 "Raymarine" log, echo sounder and temperature - DST 800
57.	Chartplotter (to be chosen)
59.	Car radio with CD player with MP3 player with two speakers
60.	Additional electric distribution board: 8 Philippi STV 108, 8 automatic fuses
61.	Light dimmer (70W)
64.	Cockpit lighting under the roof of the cabin - 2 watertight lamps
67.	Compass - with the light
68.	"Drawer-type" Refrigerator "Isotherm" CRUISE 36 (36 l) – assembly in the place where the wardrobe in the mess is, on port side
72.	Charging from the land – with electronic charger 15 A, with circuit breaker FI and 230V socket in the cabin
73/1.	Solar panel 20W
73/2.	Solar panel 38W
76.	Additional shelves in the cockpit – 2 pcs
77.	Putting the yacht in order on delivery, launching exclusive of the hoisting crane
78.	Transport (per km)
79.	Insurance of transport
80.	Fender rope with stainless steel hardware, assuming that item 83/2 is ordered
81.	Teak floor in the cockpit
82.	Teak seats in the cockpit
83/2.	Rubrail – teak. Additional payment
84.	Teak under the winches
85/1.	Teak on the main deck
85/2.	Teak on the roof of the low superstructure
86.	Side deck teak
87.	Mast in some other color. Additional payment
94.	Cushions for the seats in the cockpit
99.	Hull in dark green or navy blue, deck – cream. Additional payment
100.	Sails in brown or cream color. Additional payment, depending on setup of the sails
101.	Boards on the sides made of oak battens. Additional payment

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<b>102/1.</b>	Sea toilet: electric pump, stainless dirty water tank – 55 l, WASTE connector for emptying the tank in the marina
<b>102/2.</b>	Sea toilet: electric pump, stainless dirty water tank – 55 l, WASTE connector for emptying the tank in the marina and pump with the seacock for emptying the tank on open sea
<b>105.</b>	Folding table – extension of galley plate
<b>107.</b>	Stern stainless steel anchor with drum with 50 m anchor belt – mounted on stern counter
<b>108.</b>	Bow anchor platform with anchor Bruce type, 5m stainless steel chain and 30m of anchor line
<b>109.</b>	Bow counter with low and wide pass (movable seat on the bow) and bow anchor platform with anchor. Additional payment to the standard bow counter
<b>111/1.</b>	Table in cockpit – table adapted from the cabin
<b>111/3.</b>	Table in cockpit
<b>113.</b>	Radar reflector
<b>116.</b>	Hardened glued glass windows instead of plexi windows
<b>117.</b>	1 Electric wiper
<b>118.</b>	Teak grating in aft part of the cockpit (if inboard engine is ordered)
<b>119.</b>	Horn
<b>200/2.</b>	2 liftable laminated profiled stern centerboards, placed between cockpit bottom and hull bottom. Operated from the cockpit
<b>201.</b>	1 Forward centerboard made of stainless steel, placed under the bunk level in the forepeak. Operated from the cockpit
<b>204.</b>	Full battens for the main sail: HABER 660 – 2 long battens on the down part of the sail
<b>205.</b>	White triangular storm main sail with short battens, reaching to the top of mast. HABER 660 – ca. 6 m <sup>2</sup> , one reef
<b>206.</b>	Additional short stay and short shrouds, shroud plates, short stay and shrouds fixed on the mast. Steel tender wire 7x19. Stay and shrouds can be detached and fixed on the mast. Use: additional strengthening of rigging for sailing in heavy marine conditions and possibility of setting storm jib on sliders
<b>207.</b>	White storm jib on sliders – area ca. 2 m <sup>2</sup>
<b>208.</b>	Cover for foresail ( 6 m <sup>2</sup> ) on stay, set with the help of additional halyard
<b>210.</b>	Main sail halyard, main sail downhaul 2 reefs - operated from cockpit. System of directional pulleys, stoppers, open reels for guiding the rope back onto the winches. Two-gear self-tailing winches instead of standard winche
<b>211.</b>	2 telescopic booms for genoa
<b>214.</b>	Bow thruster Vetus 35 with 110 Ah battery

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