

BESTEVAER 45ST



KM YACHTBUILDERS

PURE



NORTH SEA MARITIME

YACHT SALES LIMITED



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PURE



FIXED KEEL
2.15M

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CENTREBOARD KEEL
1.40 - 2.95M





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SPECIFICATION LIST

TYPE:	BESTEVAER 45ST 'PURE'
YARD:	KM YACHTBUILDERS, THE NETHERLANDS
DESIGNERS:	DYKSTRA NAVAL ARCHITECTS, THE NETHERLANDS
LOA:	14.25 M
LWL:	12.64 M
BEAM:	4.05 M
DISPLACEMENT:	13 TON LIGHT SHIP
DRAUGHT:	2.15 M (CENTREBOARD 1.40 - 2.95 M OPTIONAL)
MATERIAL:	ALUMINIUM
ENGINE:	YANMAR 57HP COMMON RAIL
SAIL AREA:	MAIN: 58 SQM / GENOA: 45 SQM
DIESEL:	2 x 290 L
FRESH WATER:	2 x 230 L
WASTE WATER:	60 L
BERTHS:	6
BATHS:	1
STEERING:	TILLER STEERING (WHEEL STEERING OPTIONAL)
RIG:	SLOOP (9/10)
CE-CERT.:	CATEGORY A

KEY FEATURES

ALUMINIUM HULL, PILOT HOUSE, SUPERSTRUCTURE AND RUDDER
PILOT HOUSE WITH 360 DEGREE VIEW
DEEP, SAFE AND SHELTERED COCKPIT WITH FIXED DODGER
2 WATERTIGHT BULKHEADS EQUALS 3 WATERTIGHT COMPARTMENTS
RUDDER AND ENGINE PLACED IN WATERTIGHT COMPARTMENT FOR SAFETY
SINGLE HANDED USE DUE TO LINES LED AFT TO COCKPIT
INTEGRATED CHAINPLATES, BULKHEADS, ALUMINIUM BOLLARDS,
DIESEL TANKS, EXTERIOR HANDHOLDS AND THROUGH-HULL FITTINGS
FIXED KEEL BALLAST: 5.050 KG. BALLAST RATIO IS 38%.
CENTREBOARD KEEL BALLAST: 4.850 KG. BALLAST RATIO IS 37%.
BALLASTED CENTREBOARD KEEL TO ENSURE EXCELLENT SAILING QUALITIES.
INTEGRATED FOLD DOWN SWIMMING PLATFORM
DECK STEPPED MAST
AMPLE STOWAGE SPACE IN LAZARETTE AND FOREPEAK LOCKER
U-SHAPED GALLEY FOR SAFE COOKING WHILST UNDERWAY
ELEGANT AND CLEAN INTERIOR STYLING WITH LIGHT COLOURS
SEVERAL INTERIOR LAYOUTS POSSIBLE
NOMINEE EUROPEAN YACHT OF THE YEAR 2017
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A. CONSTRUCTION

I. Hull and deck

Aluminium hull, round bilge
Aluminium superstructure and pilot house
Above CWL 5-6mm, seawater resistant aluminium H321 5083
Below CWL 6-12mm, seawater resistant aluminium H321 5083
2x watertight bulkheads at bow and aft (= 3 compartments)
6x zinc anode (2x hull, 2x keel, 1x rudder, 1x propellor)
Fold down manually operated swimming platform
Welded chain plates, single bollards (6x), through hull fittings
Integrated diesel tanks (2x) and water (2x) tanks
Hull sanded for smooth finish

II. Keel and rudder

Fixed keel with bulb
Bulb filled with lead ballast
Emergency steering in the cockpit
Single aluminium spade rudder
Rudder stock from aluminium
Rack and pinion steering system, JEFA

III. Paint and decking

Non-slip paint on walking areas on deck.
Colour paint Grey
Cockpit seats covered with cork
Anti-fouling, choice of red or black

V. Exterior storage space

2x cockpit accessed lazarette lockers
1x storage locker beneath cockpit coaming, aft to starboard
1x foredeck storage locker
4x open storage in the cockpit seating backrests
1x gas locker, aft to port, for 4x 5kg (1x 5kg provided)

B. DECK OUTFITTING

I. Sailing hardware

Manual winches in cockpit 4x 50, Harken
Manual winch at mast 1x 46, Harken
2x winch handles, Harken
Deck hardware, Selden
6x Stoppers in cockpit, Spinlock
Stainless steel stanchions, with double Dynema guardrail
Stainless steel push and pulpit
Stainless steel side boarding gates to port and starboard

II. Hatches and windows

Pilot house 9x windows single glazed
Pilot house 2x opening Lewmar hatches, size 30
Superstructure 3x opening Lewmar hatches, size 60
Superstructure 2x opening Lewmar hatches, size 30
Superstructure 7x opening Lewmar hatches, size 3 portlight
Aft cabins 2x opening Lewmar hatches, size 5 portlight
Vertical and horizontal plexi glass entrance hatches

III. Deck openings

2x deck fillers for diesel and 2x deck fillers for water
1x deck discharge for black water tank
2x cockpit drain, 4x deck drain

IV. Anchoring/Mooring

Anchor Delta 25 kg with anchor winch, Lewmar V3
Anchor chain 8 mm x 70m, galvanized, in chain box
Anchor locker forward, self draining
Anchor bow fitting with 2 anchor rollers
6x tube fenders with lines, black
4x 15m mooring lines, 16mm, black

C. RIGGING

I. Mast

Seldén aluminium mast, 2 spreader, deck stepped, anodised
Seldén aluminium boom, slab reefing, anodised
Seldén mast hardware
3 colour mast head light, steam, anchor and deck lights (LED)
Sloop rigged (9/10)
2x Stoppers, Spinlock

II. Standing and running rigging

Seldén standing rigging of 1 x 19mm wire
Furlex fixed genoa stay with manual furling genoa
Fixed backstay, purchase 4:1
1x main halyard, 1x genoa halyard, 1x spi halyard
1x outhaul, 3x reef lines, topping lift
1x main sheet, 2x genoa sheets

III. Sails (Doyle)

Mainsail Dacron triple stitched, 3 reefs, 6 full-batten, tell-tales and crosscut design 58m2
Furling genoa Dacron, 45m2
Mainsail cover marked 'Bestevaer 45ST'

D. SAFETY

Deep, sheltered and self draining cockpit
Cockpit enclosed on all sides
2x aluminium handrails on top of pilot house (welded)
2x aluminium grabrails on aft of pilot house (welded)
3x watertight compartment
2x watertight bulkhead
Engine is placed in watertight aft compartment
Aluminium spade rudder(s)
Aluminium escape ladder at the stern
1x automatic bilge pump and 1x manual bilge pump
Raised bulwark/footrail for grip under heel
Stainless steel handholds throughout interior
U-shaped galley for safe cooking whilst underway
LPG switch valve in galley, with automatic shut off.
1x centralised water overboard standpipe (in galley)
3x foam extinguishers
1x extinguisher opening for engine room

E. SYSTEMS

I. Engine

Yanmar 57hp, 4JH57 CR (common rail)
Yanmar saildrive SD60
Yanmar dieselfilter
Acoustic insulation
Twin pole electric installation
Cooling water system
3-blade fixed propellor
Engine throttle in cockpit
Engine service panel in pilot house
Engine access from port and starboard lazarette lockers
Decentralised electric distribution panel

II. Electric

Twin pole 12V DC installation with hull leak meter
230V AC shore power with 25 m cable, 3 groups fused
1x Mastervolt 3.5 isolation transformer
1x 12V instrument panel at chart table
1x 12VDC switch panel in saloon
2x 120A-12V service battery, gel
1x 66Ah-12V engine battery, AMG
2x LED light forepeak + lazarette
Battery charger 12V 25 Amp

IV. Fresh water

Pressurised fresh water system
40L calorifier (boiler) supplied from engine or shore power
Hot/cold water in galley
Hot/cold water in bathroom
Hot/cold water at deck shower

V. Waste water

Water from shower and shower sink pumped overboard
Waste from toilet direct to holding tank
Grey water from galley with gravity fall overboard

F. INTERIOR

I. Styling

Woodwork of cabinets and furniture in light Bamboo
Off-white walls, bulkheads and ceiling
Floor in American Black Walnut
Floor to be screwed down shut
Fittings stainless steel, design look
Doorhandles stainless steel, design look
Damixa, mixer tap fittings in galley and head
Ventilated lockers and storage spaces
Rounded corners on furniture below 120cm

II. Pilot house

Port and starboard seating, 140x47cm each
Starboard has flat worktop for charts, etc.
Open into galley to port
Footrest on port and starboard
2 steps from cockpit into pilot house
1 step from pilot house to salon
Storage boxes beneath all steps
Large hatch in floor for storage
Small storage space behind back rests for pens, sunglasses.
1x white/red chart light
2x reading lights on aft bulkhead
2x ceiling lights white/red
1x single socket 230V + 3x USB

III. Galley

Corian or equal work top
Force 10 Oven with 3 burners
LPG valve switch with automatic shut-off
One and a half stainless steel sinks
2x storage lockers above worktop
1x spicerack
1x large divided cabinet besides oven
1x utility drawer underneath oven
1x utensil drawer above reffridgerator
4x drawers forward of reffridgerator
1x space rubbish bin under sink
1x deep storage box besides sink
1x frontloading reffridgerator Webasto Cruise
1x storage space for utensils behind worktop/oven
1x aluminium painted vertical handgrip on worktop
1x stainless steel handgrip in front of oven.
1x double socket 230V

IV. Salon

Starboard and port salon seating 200x75cm
Storage behind and under the salon seating
2x lockers above couch to port
2x lockers above couch to starboard
1x book shelf at bulkhead, white with Bamboo trim
Port and starboard storage box for bottles at bulkhead

Dining table 120x140cm, both sides of table fold down
 Mast support at bulkhead
 2x LED reading lights
 3x LED ceiling lights white/red
 1x double socket 230V

V. Aft cabins

Large shelf at foot of bed, white with Bamboo trim
 Small shelf at bed head, white with Bamboo trim
 Open storage space for books, iPad, etc.
 Storage space beneath mattress
 Mattress sizes 210x130cm
 Starboard cabin 1x mattress 12cm memory foam
 1x ventilation mat beneath mattress
 Starboard cabin 1x drawer, front access, 60x50cm
 Starboard cabin 1x hanging locker + shelf
 Starboard cabin has floor space and door for privacy
 Starboard cabin 2x LED dimmable reading lights
 Starboard cabin has 1x LED ceiling light white/red
 Port cabin 1x mattress 12cm foam core
 1x ventilation mat beneath mattress
 Port cabin 1x drawer, front access, 80x50cm
 Port cabin has the entrance from the galley, with no separate floor space for standing, or door.
 Port cabin has 2x LED dimmable reading lights

VI. Owner cabin

Large bookshelf at foot of bed, white with Bamboo trim
 Small shelf at port, white with Bamboo trim
 Mattress size 210x140cm
 1x mattress 12cm memory foam
 1x ventilation mat beneath mattress
 Storage space beneath mattress
 3x lockers under bed, side access
 1x hanging locker at bulkhead
 1x shelf locker to starboard
 1x vanity unit between lockers with fiddle
 2x storage lockers at vanity unit, top access
 1x stainless steel hand grip
 2x LED dimmable reading lights at head of berth
 2x LED dimmable ceiling light white/red
 1x USB

VII. Toilet compartment

1x manual Jabsco toilet
 1x wall mounted shower, thermostat mixer tap, Damixa
 1x stainless steel sink with mixer tap, Damixa
 1x washbasin with storage under sink, Corian top
 2x lockers above sink
 1x storage space behind sink
 1x shower curtain (pull down) on roller
 1x shower automatic drain pump
 1x Lewmar hatch in ceiling for ventilation and light
 1x Lewmar hatch in coaming for ventilation and light
 1x blackwater tank ca. 60L with 3/4 full indicator light
 1x LED dimmable ceiling light white/red
 Floor of anodised aluminium with drain
 Walls of waterresistant off-white laminate

OPTIONS LIST PURE

BELOW ARE A FEW SUGGESTIONS FOR OPTIONS ON BOARD THE PURE.
 IF YOU HAVE ANY OTHER REQUIREMENTS, DON'T HESITATE TO ASK.

HULL & DECK

	EXCL VAT
Upgrade from tiller to wheel steering (change of cockpit)	€6.250
Centreboard (1,40 - 2,95m) with twin aluminium rudders	€28.450
Round portholes in the hull, with reinforced glass (per piece)	€2.500
Radar support pole, anodised aluminium, at stern (excl radar)	€2.250
Solid railing from stainless steel at stern, to the side gates	€3.480
Fixed davits at stern, max load 150 kg, stainless steel	€2.650
Vinyl wrapping of sides pilot house, side superstructure, sides and insides of the cockpit	€5.190
Esthec on walking areas deck + cockpit floor/seats/coaming	€24.450
Cork on the winch coaming + cockpit floor	€2.890
Upgrade to thermopane layered windows in pilot house (9x)	€5.500
Deck wash pump in the foredeck compartment	€1.250

ELECTRICAL & ELECTRONICS

Upgrade engine from 57 hp to 75 hp Yanmar 4JHE HTE	€5.775
Extra diesel tank (only possible with fixed keel)	€2.850
Automatic fire extinguishing system in engine room	€720
Water generator Watt&Sea 300W (8 amp @ 9kn)	€6.400
Aluminium brackets at stern for Watt&Sea	€520
Wind generator Superwind (incl aluminium pole)	€5.450
Solar panels total 250W from 3 pieces	€3.275
Solar panels total 400W from 5 pieces	€4.790
Lithium-Ion 12V/5kW battery pack	€2.850
Bow thruster fixed tunnel, Sidepower 185 mm 6kw	€6.400
Mastervolt Cruising Package: MASS GI 3,5 kW (standard) + MV combi 100A 2200W including Masterview easy panel	€3.875
120 Amp second alternator	€2.650
Flex-O-Fold folding propeller 22"	€3.785
B&G Nav/Comm package as below: VHF+ sp/wd/dpt meter + autopilot + radar + plotter + AIS	€14.595

INTERIOR

	EXCL VAT
Upgrade to French bed (centered) in front (owner) cabin	€4.950
Heating Webasto air heater 5kW, 5 exits	€5.980
Dickinson 'Newport' diesel oven heater 4kw	€4.520
Oceanair sky screens and mosquito screens (at 7 hatches)	€4.200
2x removable aft windows in pilot house (non-thermopane)	€1.100
Upgrade to electric toilet Planus	€1.400
Fusion radio + DVD player (iPhone/iPod compatible)	€675
Manual footpump for fresh water in galley	€480
Freezer/fridge combo Isotherm 40L top loader (auto-pumping)	€1.945
Sea-proofing of tableware/crockery in top galley cabinets	€425

RIGGING

Aluminium mast painted white	€5.950
'Lazy Rack' system mounted on boom, unpainted aluminium	€2.950
Gybe preventer	€1.400
Cutter rig with manual Furler 200S (excl. sails)	€4.435
Upgrade to removable cutter stay, with wichard tensioners (excl furler, sail and deckgear)	€2.450
Removable furling Selden unit to fit inner jib, code-O and gennaker, including sails, make Doyle	€16.500
Spinnaker equipment w/jib pole, stored at mast	€2.850
Upgrade to 2 electrical winches, size 50, Harken	€2.130
Windvane self steering: Windpilot Pacific	€4.465

SAIL PACKAGES DOYLE

<i>Cruising Laminate radial cut package</i>	€9.225
Mainsail	
Furling Genoa 125%	
Inner jib 23,5m²	
<i>Hydranet Radial High performance package</i>	€13.975
Mainsail	
Furling Genoa 110%	
Inner jib 23,5m²	

STARTING PRICE
 € 495.000,- EXCLUDING VAT

September 2016 | vers 6

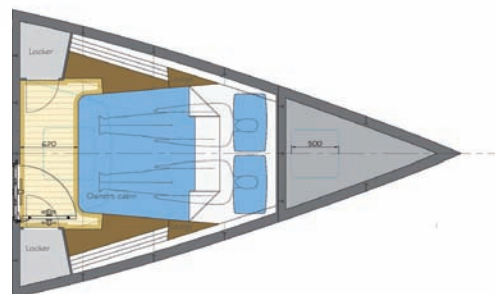
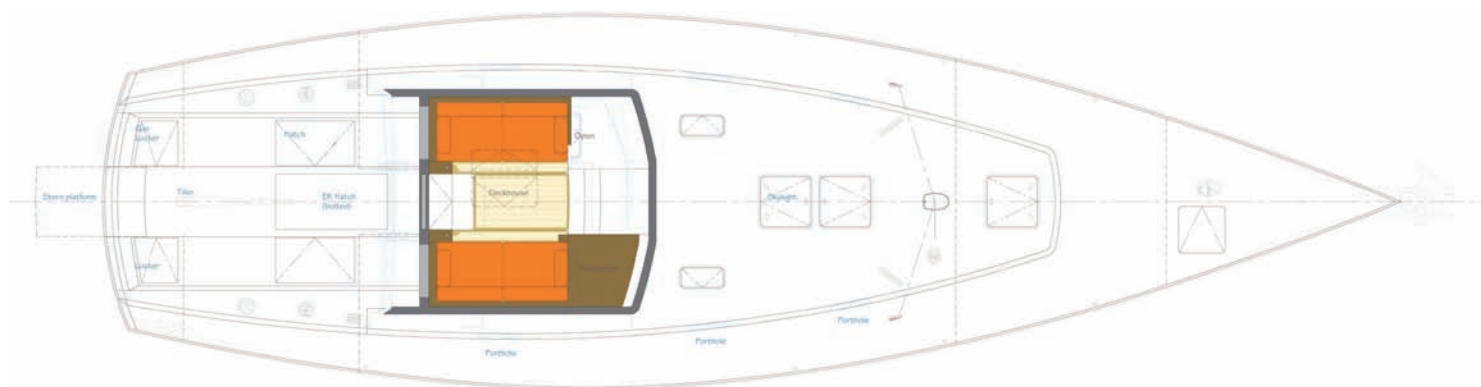
Price(s)/Materials are subject to change without further notice.
 Delivery is in the water at KM Yachtbuilders, Makkum, the Netherlands.

BESTEVAER 45ST

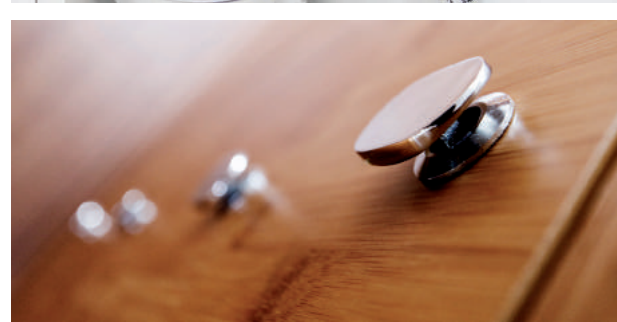
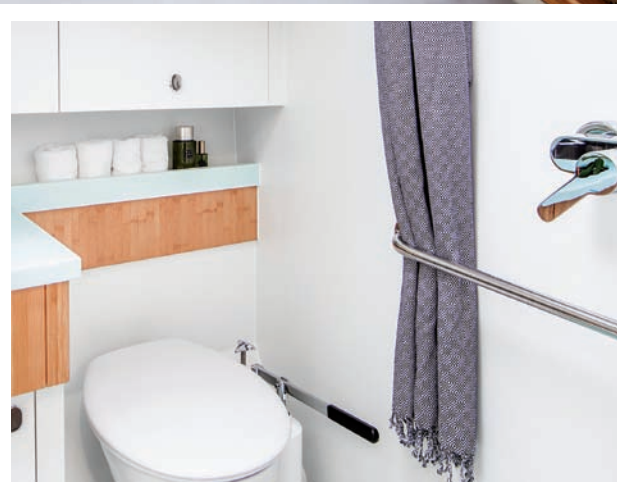
PURE



KM YACHTBUILDERS







EEUWE KOOI, OWNER KM YACHTBUILDERS



"The PURE has a highly distinctive look", says Eeuwe, while sitting comfortably in the pilot house. "The design of Dykstra Naval Architects appeals to many people for this pilot house and the sturdy, straight bow. It not only looks strong and robust: it is! The yacht is made entirely of aluminium and has a watertight bulkhead fore and aft as standard." He continues, "The long waterline and ballast of almost 40% in both the fixed keel and the centreboard ensure good sailing properties. And the fact that we build this yacht as a production yacht means that we can keep the costs lower compared to a custom yacht. That brings the dream of owning a Bestevaer a good deal closer for a lot of people!"



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