

FOR SALE

The « Lutteur » Project



Lutteur is a unique project!

She is the perfect combination of a long range boat and a classic retro style yacht.

Lutteur is also without doubt the most attractive 30 m. converted tugboat on the market.

Her range of nearly 5000 nautical miles at 11 knots or 8500 miles at 9 knots makes her a very economical boat capable of going anywhere in the world.

She is being converted under Bureau Veritas classification

including her systems that have been completely redesigned and renewed.

Her current state enables the future owner to fit her out according to his wishes.

Versions are possible for up to 6 cabins (12 guests).

Lutteur can be seen in La Ciotat – South of France.

Asking price € 350,000.

The "Lutteur" Project

The conversion of "Lutteur"



"Lutteur" has been completely stripped down, sandblasted, treated and repainted. New metalwork has been carried out (new wheelhouse, funnel, midships section...). All the systems have been renewed. All the work is under Bureau Veritas classification. She is now lying in La Ciotat, ready to be fitted out according to the new owner's wishes...

There are of course many possible versions for finishing the boat depending on the new owner's wishes. However designs and plans are already available for several versions.

Technical Description

Year of build :	1963
Builder :	Forges et Chantiers de la Mediterranee, Le Havre, France
Length :	30 metres
Width :	8.10 metres
Draft :	3.85 metres
Weight :	250 tonnes
Fuel :	50 m3
Water :	16000 litres
Range :	4800 NM @ 11 knots - 8500 NM @ 9 knots
Engines :	1 x SACM MGO 1050 hp
Propulsion :	3 bladed propeller in Kort nozzle
Cruising speed :	11.2 knots

SPEC SHEET

Main Engine	1963 / 2002
Manufacturer	Société Alsacienne de Construction Mécanique
Model	M.G.O V16 A.S.H.R.
RPM	350 Rpm to 1500 Rpm
Power	1050 Cv
Nbr of Cylinders	16
Cycle	4
Turbos	NAPIER
Gear box	1963 / 1992 / 1998
Manufacturer	MASSON
Model	R.M.H. 700
	Elastic coupled
Rating	1/7
2 Generators	2003
Manufacturer	Kohler
Model	40 EFOZ
Voltage	380V tri 50 Hz
Capacity	40 Kw (50 Kva)
Engine	John Deere 4045TFM
Type	4 cylinders-Turbocharged
Synchronisation controller	Decision-Maker3
Anchor Winches	1963 / 2003
Manufacturer	Etablissements LE MAT au Havre
	Electro-Hydraulic 4 speed
	Twin 2 speed electro-pumps (B5 MARELLI-SEIMEC)
	Twin Gypsy, twin capstan, manually operated band break and clutch
Hydraulic pressure	up to 150 Bar
Rating	2000Kg
Input power	380V tri 50 Hz
Power maxi	12 Cv (9Kw)
Nominal power	10 Cv (7,5Kw)
Chain size	22mm
Steering system	1963 / 2003
Manufacturer	Etablissements DUCLOS a Marseille
	Electro-Hydraulic
	2 opposed pistons
	1 electro-pump (B5 MARELLI-SEIMEC)
Hydraulic pressure	up to 150 Bar
Maximum torque	9 T/m
Maximum angle	35°
Input power	380V tri 50 Hz
Power maxi	10 Cv (7,5Kw)

Service pump	2003
Manufacturer	Gianneschi & Ramacciotti
Model	ACM 651 BT
Input power	380V tri 50 Hz
Nominal power	10 Cv (7,5Kw)
Maxi capacity	35 m ³ /h
Transfer pump	2003
Manufacturer	Gianneschi & Ramacciotti
Model	PQ 60
Input power	380V tri 50 Hz
Nominal power	2 Cv (1,5 Kw)
Maxi capacity	3,6 m ³ /h
Chain locker pump	2003
Manufacturer	Gianneschi & Ramacciotti
Model	MV 64
Input power	380V tri 50 Hz
Nominal power	1,5 Cv (1,1 Kw)
Maxi capacity	4,8 m ³ /h
Fresh water Pressure	2003
Manufacturer	Gianneschi & Ramacciotti
Model	2 JET 4
Input power	380V tri 50 Hz
Nominal power	2 Cv (1,5 Kw)
Maxi capacity	2 x 4,8 m ³ /h
Maxi pressure	4,2 bar
Pneumatic pump	2003
Manufacturer	MESA
Model	DL 25 FA FEE
Air pressure	6,5 Bar
Maxi capacity	6,6 m ³ /h
2 Electric air compressor	2003
Manufacturer	ERVOR
Model	G05 (automatic start @ 30 bar, automatic stop @ 40 bar)
Input power	380V tri 50 Hz
Nominal power	5 Cv (3,7 Kw)
Maxi pressure	40 bar
Maxi capacity	16,5 m ³ /h @ 30 bar
Coupled air compressor	2003
Manufacturer	ERVOR
Model	G04
Input power	PTO main engine

Maxi pressure	40 bar
Maxi capacity	7,2 m³/h @ 30 bar
Coupled Bilge pump	2003
Manufacturer	MASSON
Model	PEC88
Input power	PTO main engine
Maxi capacity	15 m³/h
Fire fighting pump	1963 / 2003
Manufacturer	Société du matériel électrique S.W.
Model	NK4 Electro-Hydraulic 4 speed Twin 2 speed electro-pumps (B5 MARELLI-SEIMEC)
Hydraulic pressure	up to 150 Bar
Input power	380V tri 50 Hz
Power maxi	12 Cv (9Kw)
Nominal power	10 Cv (7,5Kw)
Maxi capacity	80 m³/h
Maxi pressure	15 bar
Sewage system	2003
Manufacturer	Hamann Wassertechnik GmbH
Model	Supermini
Input power	230 V DC 50 Hz
Nominal power	1,1 Kw
system	Organic treatment plant
Maxi capacity	2500 L of black and grey water per Day
Water Maker	2003
Manufacturer	Dessalator
Model	D200
Input power	380V tri 50 Hz
Nominal power	2.2 Kw
Maxi capacity	200L/h
Air conditioned	2003
Manufacturer	CONDARIA
Model	PCWM/FCL 36004 4 Compressors
Input power	380V tri 50 Hz
Maxi capacity	144 000 Btu/h

“LUTTEUR”

WORKS COMPLETED FOR LUTTEUR PROJECT

DISMANTLING	
EXTERIOR	<p>Boat completely stripped All deck equipment removed (rubber fender, anchors, chain, windlass, tugging winch, towing hook, stern stanchions, mast, dorade vents, fire fighting nozzles, deck valves, crane, life-raft stands..) 2 towing arches cut off Wheel-house and funnel removed Circular step on top deck dismantled 2 generator air inlets removed All fittings on bulwarks removed and cut to 0. 2 sun-deck wings cut off Sun-deck skylight cut, weighed and stored All supports on pilothouse removed Pilothouse stanchions removed Engine room skylight removed Stern soft patch removed and stored 4 rollers on bow removed and stored Hand rail removed Lateral air-vent boxes cut at deck level All rubber paint removed from deck</p>
STEERING LOCKER	<p>Steering system dismantled and removed All electricity removed</p>
INTERIOR	<p>Boat completely stripped All electronics removed All electricity removed All cement removed All plumbing and piping removed Fittings, electric items and control boxes in wheel-house removed and stored All panels, ceilings and insulation removed All portholes removed and stored Engine room stairs removed Port side air duct removed</p>

ENGINE ROOM	<p>Fuel tanks emptied and degassed Engine room stripped except for main engine: 2 generators with exhaust systems removed ; Firefighting pumps removed for maintenance; Fuel and sea-water pumps removed ; Hydraulic system removed; Central heating system and fuel tanks removed ; Inverters and rectifiers removed All electricity including wiring, control boxes, panels...removed. All floors removed and labelled All floors structure removed</p>
METAL TREATMENT	
<p>In Cherbourg, before delivery, hull was completely sandblasted while out of the water, epoxy treated and repainted.. The boat was then fully sandblasted including topsides, superstructures and inside except for engine room, steering locker and chain locker. In these 3 areas, rust has been removed completely manually. And then epoxy treated.</p>	
METALWORK	
<p>All metalwork has been carried out in maritime steel plate quality under marine thickness standards.</p>	
HULL	<p>Kort nozzle completely checked while out of water Propeller completely checked Baffles built around water outlets Rubbing streak cut down All dented areas straightened Old grey water outlets plated.</p>
BULWARKS	<p>Knees straightened or changed Steel capping rail cut off partially (amidships to stern) and new stainless steel capping rail base built Knees added on stern deck Lateral doors cut on both sides</p>
DECK	<p>Some deck plates replaced on fore-deck Vents reinstalled and goosenecks replaced by stainless ones Stainless steel motor pump connections built All filling pipes replaced by stainless ones with bronze caps. New windlass base built Water baffles built around waterways and aft Hand rail built around main deck Raised deck base built over engine room</p>
SUN DECK	<p>70% new plating</p>

SUPERSTRUCTURES	<p>New wheel-house built New funnel and air filter box built New raised roof built Central part of main deck roof cut out Fwd port and stbd lateral doors to main deck cut out and replaced Aft lateral doors plated in. Large proportion of join between main deck and superstructures plating changed. Large proportion of plating changed on main deck superstructure All aft part of main deck superstructure new. All skylight hatches removed, treated, and reinstalled with new hinge system (brass insert with stainless shaft). Ex-captains cabin porthole plated in. 2 windows cut aft sides. Water deflectors installed above windows and doors</p>
CHAIN LOCKER	<p>All rust removed and metal epoxy treated Hatch removed, repaired, epoxy treated, painted and reinstalled</p>
STEERING LOCKER	<p>All rust removed and metal treated Soft patch sandblasted, treated and painted Entrance hatch moved to port side New floor supports</p>
INTERIOR	<p>All main deck bulkheads except 2 cut out New bulkheads built as per new layout. All interior epoxy treated and repainted Floor structures built below New door openings made Ceiling beam on main deck repaired Crew head box built Fresh water tank and dry compartment manholes moved Waterways built in guest cabins</p>
ENGINE ROOM	<p>Bilges dried out, treated and painted Underfloor supports cut out Floors sandblasted, treated and painted and some new. Technical ducts opened in fwd and aft bulkheads and in ceiling for piping and for wiring. New supports built for new systems</p>

SYSTEMS

MAIN ENGINE	<p>Fresh water system rinsed and winterised Coupled air compressor removed and serviced Exhaust insulation removed Engine control panel removed and rebuilt 14 new manometers and thermometers Engine control sensor checked All main exhaust pipes fitted on silent blocks 5 metres new exhaust in funnel Main engine and gear box checked , serviced and painted</p>
ENGINE ROOM	<p>Turbo air duct built New blower and extractor installed Polluted air ventilation duct installed New electric service pump installed (see spec sheet) New electric fuel transfer pump installed (see spec sheet) New electric air compressor installed (see spec sheet) 4 new electric hydraulic pumps installed (see spec sheet) Hydraulic converted fire fighting pumps reinstalled (see spec sheet) New Hamann Super-mini sewage plant installed (see spec sheet) New pneumatic pump installed (see spec sheet) New air-conditioning plant installed (see spec sheet) New water-maker installed (see spec sheet) 2 new generators installed (Kohler 50 Kva) (see spec sheet) New fresh water pressure system installed (see spec sheet) New boiler installed (see spec sheet) New hot water circulation pump installed (see equipment list) New main AC switchboard</p>
TANKS and PIPING	<p>80% of under floor sea-water piping sandblasted, controlled, repaired, epoxy treated, painted and reinstalled. 20% new for new systems. Diesel piping: 80% as above as 20% new for new systems. Air piping: 100% new Hydraulic piping: 100 % new Fresh water piping: 100% new Black and grey water piping: 100 % new Air ducts: 80% new Valves: 80% removed, sandblasted, treated and fully serviced and bench tested at 12 bars. 20% new. New non-return valves installed New glass visual controls installed New sea water filters installed Stainless steel water drain pipes built and installed</p>

	<p>Stainless steel grey and black water tanks built Existing steering hydraulic tanks sandblasted, treated and reinstalled.</p> <p>Stainless steel windlass hydraulic tank built Stainless capstan hydraulic tank built and installed Stainless steel expansion built and installed tank for main engine Vent pipes changed to new interior flexible piping Day tank stainless vent fitted on main deck New Kuebler magnetic level gauge installed for day tank New Kuebler level gauges installed for fresh water tanks 14 stainless steel strum boxes installed on all suction pipes All manometers have been fully checked and serviced.</p>
MISCELLANEOUS	<p>Hydraulic steering system removed and completely renewed. Kort nozzle and propeller completely checked Windlass converted to hydraulic system reinstalled</p>
EQUIPMENT	
<p>20 solid bronze portholes Original compass Bronze exterior lamps</p>	
STUDIES AND CLASSIFICATION	
<p>Complete design study of 2 layout versions (Butch Design & Jacques Louvet)) Complete electrical circuit and alarms study (Eric Perryman) Full hull thickness measurements (Fouere Lagadec) Historic file and original plans (French Navy & CMN archives compiled by Jacques Louvet) Bureau Veritas classification underway Full quotation for project completion Procedure book under completion including all technical drawings (Olivier Mesle)</p>	