<table>
<thead>
<tr>
<th>YACHT CODE</th>
<th>MY/2448</th>
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<tbody>
<tr>
<td>YACHT</td>
<td>Van Lent</td>
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<tr>
<td>YEAR OF BUILT</td>
<td>1990</td>
</tr>
<tr>
<td>ENGINES</td>
<td>2 x 1630hp MAN</td>
</tr>
<tr>
<td>PRICE</td>
<td>45,000,000 Euro</td>
</tr>
<tr>
<td>RATE</td>
<td>62.30</td>
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<tr>
<td>SIZE IN METERS</td>
<td>62.3m</td>
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**SPECIFICATIONS**

- Length: 62.3m (204.2ft)
- Beam: 10.2m (33.5ft)
- Draft: 3m (10.8ft)
- GRT: 1027 tonnes
- Built: 1990 (reburbished 2007/08),
- Type: Twin screw diesel yacht
- Class: Lloyd's + 100 A1 Yacht + LMC
- Construction: Steel hull, Aluminium superstructure
- Engines: 2 x 1630hp MAN
- Cruising Speed: 13.5 knots, max: 15 knots
- Range: 6000 nm
- Guests: 12 (1 master, 2 double, 3 twin)
- Crew: 18
- MCA: Yes
- ISM: Yes

**ACCOMMODATION**

- **OWNER**
  - 1 x double cabin with "His" and "Her" bathrooms (one with bath and one with steam shower)
  - Owner's day cabin/study/convertible to occasional single cabin

- **GUESTS**
  - 2 x double cabins with bathrooms en suite
  - 3 x twin cabins with bath/shower rooms en suite
CREW
1 x double Captain's cabin with shower room en suite
1 x double Chief Engineer's cabin with shower room en suite
8 x twin cabins with shower rooms en suite

STEERING SYSTEM
Tenfjord model 130 steering system with 4 x pumps
(208v AC, 3 phase)
4 fully equipped steering stations located inside the bridge,
one each on port and stbd bridge
wings and forward outside of the pilot house on the centre line
of the bridge walkway

BOW THRUSTER
1 x 175hp Dane (800 mm diameter) electric bowthruster
type PD 125-800 (208v AC, 3 phase)

STABILIZERS
Vosper stabilizers type 3L MK4
1 hydraulic pump 20 kw 170 bar
Fins 9.5 sq. ft x 4 = 38 sq. ft total

FUEL SEPARATOR AND FILTERS
2 x Alpha Laval series MAB 104B
These are also used as day tank supply,
the excess over spilling returns to main tank.
Racor fuel filters 2020 SM, 2 for each main
(with one on standby in parallel)
1 x Racor fuel filter for each generator with bypass valves
Fuel transfer pumps (trim & day tanks)
2 Stork 1322 (2.2Kw)
The Alpha Laval fuel separator running 24 hours/day keeps the
tank constantly full

OIL/WATER SEPARATOR
DVZ type 250 oily bilge separator
Worms screw pump and separator plates

BOILERS
2 x Bell Gossett bronze No 1432 circulating pumps 120v AC
hot water system with switchable valves (one in reserve)
Separate boiler with inhibited mixture circulated through a heat
exchanger storage tank of 378 litres (100 US gallons) by
Bell Gossett cast iron pump type 1431 3 x 6kw
3 phase elements
SEWAGE TREATMENT SYSTEM
Evac toilet system with Biopore biological sewage treatment plant (US Coast Guard approved)
2 grey and 1 emergency black water pumps (interfaced)
Discharge above waterline or very low below waterline

AIRCONDITIONING
4 x 25hp 6 cylinder Carrier 06E compressors
Capacity 4 x 30 tons (=120 tons) with
4 x Toshiba VFPI soft starts.
75hp JD Nall condenser pumps type WRC22J
2 x chillers in parallel with WRC22N pump.

Major overhaul of airconditioning system and new start up units installed (1999).
Heating by boiler (3x10 kw elements) (3 phase at 30kw)

OTHER
Engine preheats on each engine (2 x 9kw elements) with circulating pump - Total 36kw for rapid service or 18kw for normal use.

Engine prelube pumps
2 Kracht No KF 3/63
3 phase 208v AC 3kw (one per engine)
3 x Quincy No 310 (5.5kw) air compressors
Operating pressure 22-29 bar, 2 bottles (250 litres each) for main engine starting and 1 tank for control air.
2 x Speck No 1432 pumps (1.1 kw, 3 phase 208v AC, 2.5 bar) cold water system.
Pipe used is copper on the main and rigid PVC on the branches. Cold water high pressure deck wash - this system services 15 deck outlets and 3 internal fresh water fire hose reels.
Pumps Grundfos No 1381 (3 phase 208v AC22.2kw)
All pipe work copper.

Fridge Freezer compressors
4 pairs of 2 in below deck compartment forward (air or salt water cooled)
2 x air cooled compressors in stack area

FIRE/BILGE PUMP
2 x Kracht No 1362 3 phase (75kw) for lube oil and waste oil pumps.
The lube oil pump can be valved into the gearbox trailing pump circuit as a back up for either side

2 Kracht No 1362 3 phase (75kw) gearbox trailing pumps used when either one of the main engines is shutdown for passage making.

2 x Stork No 1304 cast iron pumps with bronze impellers (7.5kw) in the engine room with cross over manifolds.

Stork No 1304 pump in the aft peak, dedicated to the aft peak with manual auto control.

Aft peak emergency pump - type Stork coupled to fire main only.

GENERATORS
3 x 133 kw MAN D-2866 E naturally aspirated diesels (with 3 Stamford converters producing 208v AC, 60Hz)

GENERATOR HOURS (April 2006)
Port approx 46,883 hours
Stbd approx 47,116 hours
Centre approx 54,224 hours

Note: the Centre Generator and the starboard Generator exhaust through funnel only.
Port Generator through hull only.

1 x 48kw MAN emergency generator (in funnel)

ELECTRICITY
208v AC, 3 phase, 60Hz
110v single phase
24v DC

SHORE POWER
208v AC, 3 phase by isolation transformer (amps)
380v AC, 3 phase by isolation transformer then rotary converter
380v AC (150 amps)
50Hz output 208v AC (300 amps) 60Hz
AUXILLARY
MACHINERY

BATTERIES
All Gell Cell batteries

Deck Equipment
ANCHOR WINDLASS
2 x Steen type 23 (size 53) anchor windlasses, each with 12.5" (33.5cm) diameter warping drum
1 x Steen type 23 (size 48) aft anchor windlass with 10.5" (26.7cm) diameter warping drum

AFT WARPING CAPSTANS
Steen aft warping capstan with 10.5" (26.7cm) diameter warping drum.

GROUND TACKLE
Anchors
Bow: 2 x Pool HCG (315kg each)
Stern: 1 x Pool HCG (120kg)

Chains
Forward: 2 x 7 shackles (630ft/192m)
24mm U3 stud link chain
Aft: 7 shackles (630ft/192m)
16mm chain

BOAT CRANE & DAVITS
Boat davits on aft main deck

PASSERELLE
Hydraulic Mediterranean passerelle

SIDE ACCOMMODATION LADDERS
Hydraulic side accommodation ladders (port & stbd)

SWIMMING PLATFORM
Stern opens and folds down to form a swim platform

SEARCHLIGHT
Carlisle & Finch 19" (48.3cm) mast mounted spot light (5 mile range).
2 x Sanshin (6 million peak candle power) port and starboard remote controlled spotlights on pilot house roof.
MAIN ENGINES
2 x 1,630hp (at 1,000 rpm) 'V' 12 cylinder MAN diesel engines type 12V 20/27

ENGINE HOURS (April 2006)
Port approx 14,578 hours
Stbd approx 14,791 hours

GEAR BOXES
Reintjes 2.46:1 reverse reduction gears

SHAFTS & PROPELLERS
2 x Lips propellers (1700mm diameter)

SPEEDS & FUEL CONSUMPTIONS
Cruising speed about 13 knots (at 910 rpm) for a fuel consumption of about 454 litres (120 US gallons) per hour excluding generator.

Economical speed using only one engine of about 11.2 knots (at 850 rpm) for a fuel consumption of about 265 litres (70 US gallons) per hour including one generator running.

Maximum speed of about 15 knots (at 1,000 rpm) for a fuel consumption of about 606 litres (160 US gallons) per hour including generator running.

RANGE
6,000 n. miles approx. at economical speed of 11.2 knots on one engine.

MAGNETIC COMPASS
1 x Sestrel Obserator MK2 magnetic compass

GYRO COMPASS
2 x Yokogawa Navitec CMZ300X gyro compasses
2 x Yokogawa Navitec KR005 gyro repeater compasses
(for port and starboard wing control stations)
2 x Yokogawa Navitec KR012 gyro compass repeaters

AUTOMATIC PILOT
1 x Yokogawa Navitec PT200 PM205 Adaptive, autopilot plus PB 317 autopilot back up unit
LOG
2 x Yokogawa Navitec LR221 speed and distance indicators

ECHO SOUNDER
2 x Datamarine depth sounders type JRC JFE 570SD

RADAR
2 x Raytheon M34 full ARPA ship’s radars
(1 x 3cm radar and 1 x 10cm radar)
1 x Raytheon SRD-15 radar repeater screen
(with options to view either radar) located in front of helmsman’s station.

GPS
2 x Raytheon/JRC Raystar 920 GPS’s
1 x GPS Leica GPS Navigator type MX 412

LORAN/DECCA
1 x Raytheon/JRC RayNav 780 Loran C navigator
1 x Philips AP Decca Navigator
1 x Northstar 800 Loran C Navigator

CHART PLOTTER
1 x JRC colour plotter type NWU 53
1 x Sony multi-scan 520 GS colour chart plotter (new 1999).
The chart picture can be relayed to play on all televisions onboard.

WEATHER FAX
1 x JRC weather facsimile receiver type JAX-9 with paper print out.

NAVTEX
1 x JRC Navtex receiver type NCR 300A

AUTOMATIC DIRECTION FINDER
1 x Simrad Taiyo ADDF radio direction finder type TD-L1100
1 x Simrad Taiyo ADDF VHF radio direction finder type TD L-1620

WIND INSTRUMENTS
1 x Walker XM-1 wind speed/direction indicator

OTHER
1 x Radio Holland Group Nav Matrix
1 x Integrator/Selector panel.