

SUNSEEKER PREDATOR 108

*The world's finest luxury motoryachts*

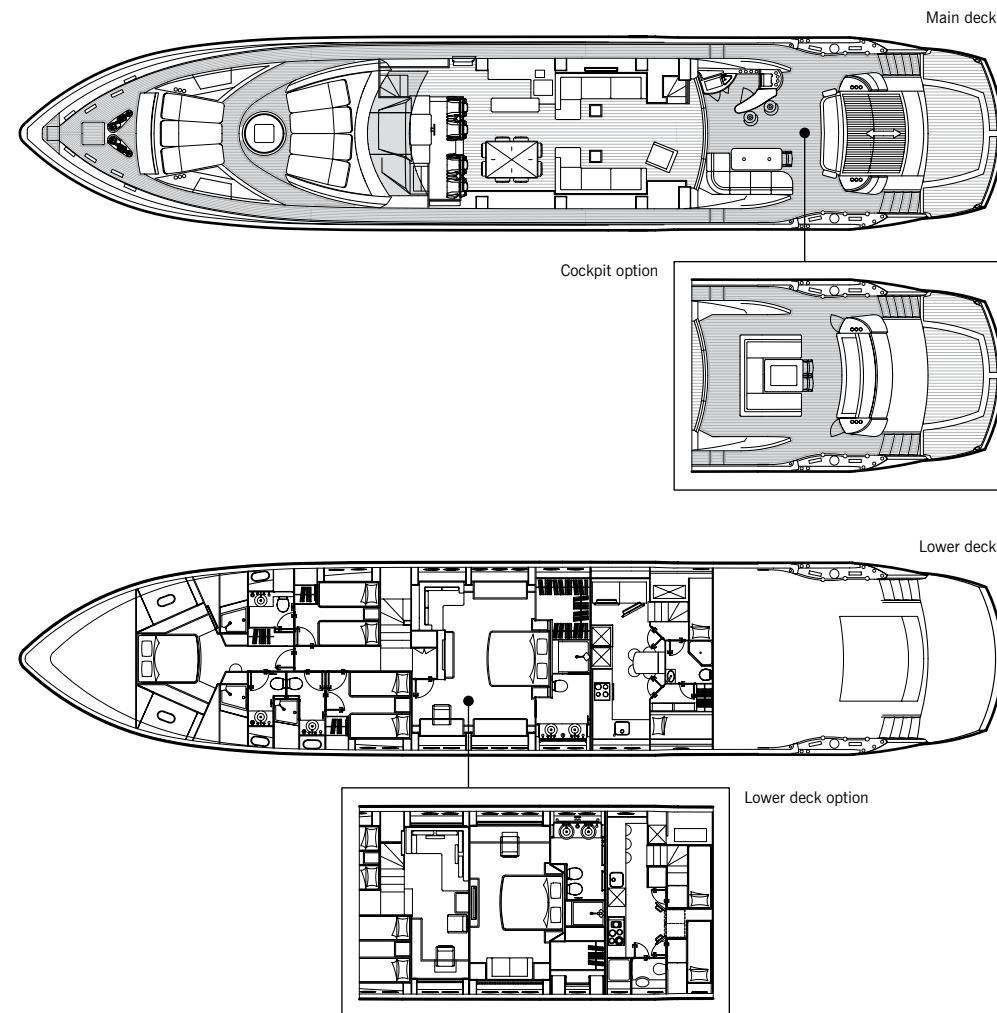
# PREDATOR 108

**STYLE:** PERFORMANCE YACHT

**ACCOMMODATION:** UP TO 8 GUESTS AND 4 CREW MEMBERS

**PERFORMANCE:** UP TO 45 KNOTS

EXEMPLIFYING THE PREDATOR PRINCIPLE OF NARROWER HULL FORM FOR HIGHER SPEEDS AND AGILITY, THE PREDATOR 108 CAN RIGHTLY BE VIEWED AS EXTREME. THE RAKISH, MINIMAL SUPERSTRUCTURE AND ARROW-HEAD FOREDECK ARRANGEMENT ALL EXPRESS INHERENT HIGH PERFORMANCE, PROVEN WITH 45 KNOTS ACHIEVED WITH THE 7300 PS, TRIPLE ARNESON SURFACE DRIVE OPTION. BUT EXTREME HAS MORE THAN ONE MEANING: ON THE PREDATOR 108 CREATURE COMFORTS ARE STILL AS HIGH A PRIORITY AS PACE. THE SPECIFICATION IS HIGH AND THERE ARE OPTIONAL LAYOUT ARRANGEMENTS INCLUDING A SECOND PRIVATE SALOON BELOW. SO EXTREME, YES. BUT SPARTAN, NO. HEDONISTIC? DEFINITELY.



## PRINCIPAL CHARACTERISTICS

<b>Length overall – (incl. pulpit and platform)</b>	32.90m	108'0"
<b>Length waterline</b>	24.34m	79'10"
<b>Beam – (maximum)</b>	6.30m	20'8"
<b>Fuel capacity</b>	11000 litres	2420 GB gal. 2906 US gal.
<b>Fresh-water capacity – (incl. hot water tanks)</b>	1800 litres	396 GB gal. 476 US gal.
<b>Grey-water capacity</b>	500 litres	110 GB gal. 132 US gal.
<b>Black-water capacity</b>	500 litres	110 GB gal. 132 US gal.
<b>Propulsion</b>	Direct gear drive through triple Arneson surface drives, or submerged twin props in semi-tunnels	
<b>Generators</b>	2 x 32kW @ 50Hz (Euro) 2 x 40kW @ 60Hz (US)	
<b>Fuel options</b>	Diesel	

<b>Twin shaft option</b>		
<b>Displacement – (@ half load)</b>	70500kg	155400lb
<b>Engine option</b>	up to 4800hp (total)	
<b>Top speed</b>	32 knots*	
<b>Range</b>	up to 450 nautical miles* (subject to speed)	
<b>Triple Arneson option</b>		
<b>Displacement – (@ half load)</b>	76000kg	167600lb
<b>Engine option</b>	up to 7300hp (total)	
<b>Top speed</b>	up to 45 knots* (subject to engine option)	
<b>Range</b>	up to 450 nautical miles* (subject to speed)	

All principal characteristics and specifications are provisional and subject to final specification.







# PREDATOR 108

## GENERAL CONSTRUCTION

Built to RINA Pleasure Craft Rules

Built to European Specification, 380v 3 phase 50Hz giving a single phase of 220v

or

Built to USCG Regulations and Specification, 208v 3 phase 60Hz giving a single phase of 110v

## STANDARD SPECIFICATIONS

### 1 Construction

Hull and deck:  
Gel coat including stripes  
Vinylester skin coat with powder bound mat  
Stitched multi-axial single skin hull bottom  
Balsa/PVC foam cored topsides – skinned with stitched multi-axials  
PVC foam cored deck  
Longitudinally stiffened with foam formers over-laminated with stitched multi-axials  
Transversely stiffened with GRP ringframes, marine ply and sandwich bulkheads  
Superstructure:  
Gel coat  
PVC foam cored and skinned with stitched multi-axials  
Stiffened with foam formers over-laminated with stitched multi-axials

### 2 Deck

Bulwark access doors on port and starboard sides  
2 x electric (3 phase) anchor windlasses with hand control  
2 x hawsers with roller, chain stoppers and devil's claw  
2 x stokes hhr anchors (galvanised, 113kg each)  
2 x chain (galvanised) for anchors. 1 x 80m and 1 x 110m (14mm diameter)  
12 x stainless steel cleats  
Fairleads bow and stern, port and starboard  
Manual anchor and chain sea water wash down  
Fresh-water deck wash with outlets forward and aft  
Pulpit and handrails with stainless steel stanchions  
Safety glass side windows and windscreen with stainless steel trims  
Starboard sidedeck door  
Teak laid side decks  
Low-level lighting around side decks  
2 x boat hooks (3 metres)  
2 x life-rings  
10 x fenders  
Foredeck sunbathing area  
Spa tub (fresh-water) with GRP lid  
4 x marine speakers connected to CD/radio in deck saloon  
Seat and small locker and bow  
Storage lockers port and starboard  
Cool chest beside foredeck sunbathing area  
Remote control spotlight on bow  
Simrad RS87 intercom speaker in forepeak locker  
Fire hydrant outlet forward  
Fuel shut off point  
2 x electric stern (3 phase) capstans  
Twin horn cluster

### 3 Aft cockpit and bathing platform

Table and seating  
3 x directors chairs  
Overhead lighting  
Low level lighting  
4 x marine speakers connected to CD/radio in deck saloon  
4 x stainless steel cleats and fairleads in the aft cockpit  
Wetbar with sink  
Ceramic griddle in wetbar  
Cool chest in wetbar  
Ice maker in wetbar  
2 x cockpit stern gates  
Fire extinguisher in wetbar locker  
Portable engines and thrusters remote control on lead (1 of 2)  
Hydraulic gangway (6m)  
Stern garage with power operated door  
Watertight hatch to engine room  
Fire hydrant outlet aft  
Retractable sunpad aft  
2 x 8 man liferafts with stowage under sunpad (non SOLAS approved)  
Stairs each side to bathing platform  
Teak laid cockpit sole and stairs to platform  
Teak laid fixed bathing platform  
Manual bathing ladder with sockets on port and starboard sides  
Hot and cold water handheld swimming shower  
Locker with dockside water connection and deck wash in the stern  
Locker with dockside TV and telephone connections  
Electrical shorepower connection at stern  
2 x pop-up cleats on platform for tying fenders  
VHF handset (Simrad RS87) (2 of 3) in aft locker  
Emergency steering point in aft locker  
Retractable canopy  
Forward sliding doors in stainless steel and safety glass leading to deck saloon

### 4 Stern garage

Power operated door  
Deck wash outlet  
DC lighting (IP rated)  
Electric winch with controls  
AC and DC outlets in waterproof enclosures (fitted with double pole isolation outside the space)  
Natural ventilation air in, forced air out (with a minimum of six air changes an hour)  
Two gas detectors with alarm indication at helm  
Tender launch and recovery crane for standard fixed platform



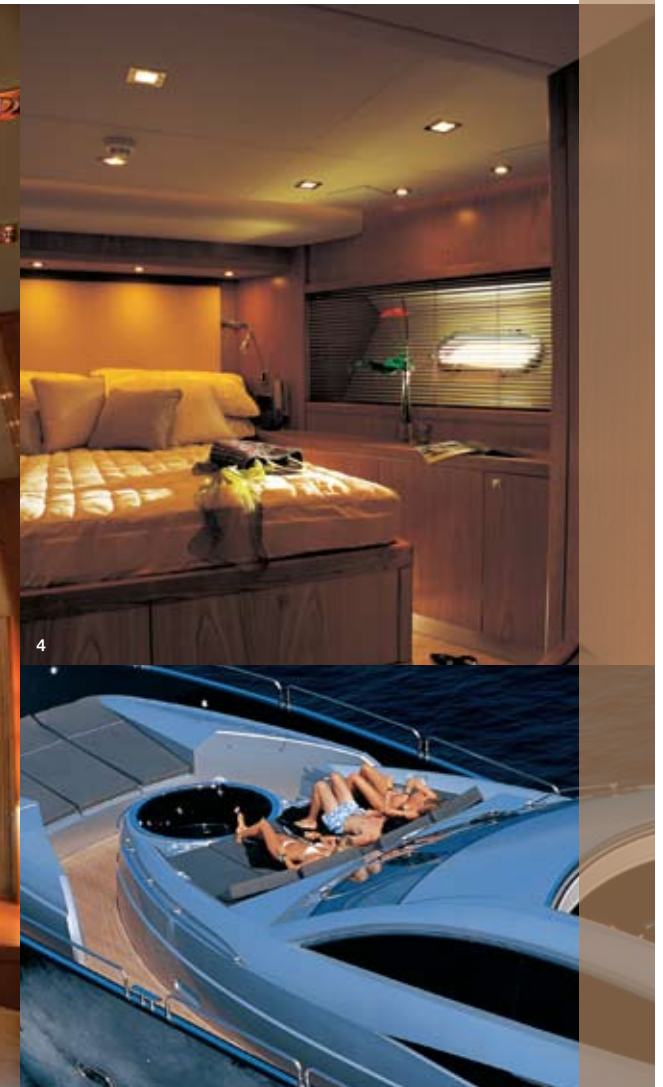
1. Main deck dining
2. Drive station
3. Main deck saloon
4. Forward VIP stateroom







3



4

## 22 Generators

European specification only:

Generators 2 x 32kW @ 50Hz

USA specification only:

Generators 2 x 40kW @ 60Hz

Semi automatic control of generators and distribution system

Full manual back-up operation of generators, shore power selection and sub board feeder selection

Generators to have 24v starting batteries

Water separating silencers

## 23 Fuel system

Duplex fuel filters to main engines (Racor)

Fuel filters to generators (Racor)

Integral GRP fuel tank

Manual fuel shut-off valves

(operable from outside engine room)

Fuel shut-off valves on tank

(local and remote operation)

Warning light at fuel filling point indicating tanks @ 90%

## 24 Bilge and fire main system

1 x automatic submersible bilge pump in each watertight compartment (rule 3700 GPH)

1 x automatic submersible bilge pump aft accommodation, port and starboard (rule 1500 GPH)

Strum box in each watertight compartment (bilge) and seawater inlet in engine room (fire main) connected via manifold (with shut off valves for operation) to:

1 x mechanical pump AC

1 x engine driven bilge pump

Discharging overboard (bilge) or to the fire hydrants (port aft and forward starboard) and anchor chain wash (fire)

Non-return valves fitted to manifold to prevent bilge water passing between compartments

Engine room automatic submersible bile pump fitted with oil/water separator

## 25 Fire extinguishing system

Smoke alarm system with central alarm at monitoring panel and sensors in all accommodation cabins (including crew), galley/mess, saloon and bilge spaces.

Heat detection in garage and engine room

Manual FM200 system for engine room and garage (separate systems)

Manual shutdown switches for engines, generators, engine room fans and air intake dampers

12 x portable fire extinguishers installed for immediate use

1 x portable CO<sub>2</sub> fire extinguisher in engine room

## 26 Underwater gear

Bow thruster, hydraulic engine driven – 50hp (within a watertight compartment)

Stern thruster, hydraulic engine driven – 50hp

Seawater strainers x 2 main engines and 2 x generators

Cathodic protection provided by cross bonded zinc anodes

Hydraulic trim tabs heavy duty (stainless steel)

Antifouling

### *Twin shaft option:*

V-Drive through fixed shafts and tunnels

70mm Temet 25 propeller shafts

High performance bronze rudders

Bronze (MB2) P-brackets

Self aligning shaft seal including spare seal

NAB 5-blade propellers

### *Triple Arneson option:*

Direct gear drive through Arneson surface

drives (ASD16)

NAB 5 blade propellers

## 27 Electrical system

The electrical system of the boat is European, 380v 3 phase 50Hz, giving a single phase voltage of 220v

or

The electrical system of the boat is USA, 208v 3 phase 60Hz, giving a single phase voltage of 110v

Shore supply will be provided via a single 100 amp 3 phase connection, this will feed the onboard power system through an isolation transformer (limiting fluctuations in shorepower voltage to +/- 4 per cent)

A semi automatic power management system provided which configures the distribution system according to the available power sources. Load protection is by magnetic circuit breakers and residual current devices at 300mA

Glendinning Cablemaster system and remote control for shorepower (1 X 100 amp)

Main engine and generator start batteries are heavy duty valve-regulated lead-acid types

Batteries for 12v and 24v domestic loads are deep cycle valve regulated lead acid types

Batteries for console loads are Optima yellow top, spiral gel, deep cycle types

Telephone and television dockside connection

Remote battery isolating switches

2 x 24v 95 amp battery chargers

1 x 80 amp combi/charger

1 x 12v 40 amp battery charger

Emergency battery cross connection system

Engine room fans

AC engine room and bilge lights

TV antenna and circuit (Glomex)

## 28 Hot water system

1 x AC hot water circulating pump

28mm diameter piping (insulated) arranged

as a ring main throughout the lower deck

Standard bore lines to all accommodation, galley and external faucets

Expansion tank (60 litre)

2 x 150 litre hot water cylinders, each fitted

with 2 x 2kW immersion heaters and drain down facility

## 29 Fresh-water system

1 x AC fresh-water pressure system

1 x 24v DC fresh-water pressure system

Accumulator tank (25 litre)

28mm diameter piping arranged as a single line throughout the lower deck

Standard bore lines to all accommodation, galley and external faucets

1 x drinking water purifier supplying drink water faucets for galley and wetbars plus

ice makers (Seagul Spark L-Pure water micro filter system)

Shore connection with pressure regulator

## 30 Black-water system

Tecma toilet system (DC) turbine pump discharging to black-water tank with tank

full indication

Black-water tank (GRP) with level indication at monitoring panel

Black-water tank to be fitted with permanently open vent lines to port and starboard

Manual tank overboard discharge (2 x DC discharge pumps) or to dockside fitting

## 31 Grey-water system

Washbasins and showers draining to main grey-water tank

Grey-water tank to be fitted with permanently open vent lines to port and starboard

Air-conditioning units draining to auxiliary sump box (whale)

Master stateroom and crew areas to drain to auxiliary sump boxes (whale)

Grey-water tank with automatic pump out (2 x DC discharge pumps) and tank full

warning light at monitoring panel

Sump boxes with automatic pump out

## 32 Air-conditioning system

Chilled water air-conditioning system

with reverse cycle heating, comprising:

Seawater pump and strainer

3 x 6 ton single stage MCW chillers

Chilled water pump

Air handlers supplying cold or hot air to each accommodation cabin

Condensate drains from air handlers

draining to dedicated sump box

Elite controls for each cabin

All ducting together with return and supply

air grills will be sized in accordance with

Marine Air recommendations

## 33 Safety equipment

16 x adult life jackets

1 x regulation first aid kit

1 x signal flare kit

2 x life rings

2 x 8 man liferafts (non SOLAS approved)

## 34 Boat covers

Aft cockpit overall seating covers

Aft cockpit table cover

Aft cockpit bar stool covers

Windscreen cover

Foredeck seating and sunpad cover

Deck saloon dining table cover

Helm seat covers

## 35 Miscellaneous

1 x set Egyptian cotton sheets consisting of mattress protector, 1 x fitted bottom sheet,

1 x flat top sheet, 1 x Oxford style and

1 x housewife pillowcase per person

1 x set of towels per person

10 x large fenders with ties

3 x 20m black docking lines

2 x 15m black docking lines

1 x 10m black docking line

Spares kit

Vacuum cleaner

Sunseeker boat mat

Mosquito screens for all openable portlights

RINA compliance kit consisting of: 300mm

bell, 2 x buckets with lines (engine room),

CO<sub>2</sub> fire extinguisher (engine room), axe

(engine room), fire blanket (galley), fire

extinguishers (portable in each cabin)

\*Every attempt has been made to give accurate information, but performance and range figures are estimates given as a guide only. Dirt or growth on the hull, tuning of the engines, size, make of engines fitted, damage to propellers, the temperature of the air and water, the weight of fuel, water, stores, number of people, propeller pitch, quality of fuel and other matters, can all affect a boat's performance and range. For these and other reasons we can give no performance, range or other guarantees, and neither such guarantees nor anything contained herein constitutes an offer of contract or any representation or agreement, or may otherwise be relied upon. The photographs and artist's impressions in this brochure are of existing models in the Sunseeker range. There may be items shown in these photographs and artist's impressions that are not included in the standard inventory of the models shown. Specifications contained on the web site are samples only and should not be relied upon and may refer to models only intended for sale in a particular territory and not generally. No guarantee is given that any model will be available in any territory; however by contacting us we can advise you of models that are likely to be available in each territory.

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www.sunseeker.com

#### Awards

Sunseeker's success over the years is clearly underlined by the following list of national and international awards and achievements.

2009	Sydney Boat Show 2009	Display of Excellence	2002	Entrepreneur of the Year Award	Robert Braithwaite MBE
2009	Croatia Boat Show 2009	Predator 92 Sport – best in class	2001	Best Power Design Award	105 Yacht, The Superyacht Society
2009	Croatia Boat Show 2009	30 Metre Yacht – best in class	2001	Best Power Interior Award	105 Yacht, The Superyacht Society
2009	Croatia Boat Show 2009	Best boat show stand	2001	President's Award	Southern California Marine Association
2008	UK Motor Boat of the Year Awards 2008	Manhattan 60	2000	Queen's Award for Enterprise	Continuous innovation and development
2007	European Powerboat of the Year	Superhawk 43	2000	The Times Exporter of the Year	Times Export Awards
2007	Asia Pacific Boating Awards	90 Yacht, Best of the Best	2000	Robb Report Award	Best of the Best, Boating and Sailing
2007	Modern Boating Magazine 2007	Portofino 47, Imported Powerboat of the Year	1999	Robb Report Award	Best of the Best, Boating and Sailing
2007	Australian Marine Industries Federation Awards	Predator 62, Imported Powerboat of the Year	1999	Motorboat of the Year	Predator 75, BT British Nautical Awards
2007	Nominated by The Superyacht Society	37 Metre Yacht 'The Snapper'	1998	Superyacht Design Award	Manhattan 74, Superyacht Design Awards
2007	Queen's Award for Enterprise	International Trade	1998	Editor in Chief Awards	Yachts Magazine
2006	Nominated for three Superyacht Awards	Predator 108 'SHIVER'	1997	Lifetime Achievement Award	Robert Braithwaite MBE, RYA Awards
2005	Australian Marine Industries Federation Awards	75 Yacht, Non-Trailable Boat Award	1996	Motorcruiser of the Year Award	RYA British Nautical Awards
2005	Australian Marine Industries Federation Awards	Portofino 46, Commendation	1996	Exporter of the Year Award	DCCI Export Awards
2005	Modern Boating, Power Boat of the Year Awards	Predator 68, Imported Powerboat of the Year	1995	Boat Builder of the Year Award	RYA/BMIF British Nautical Awards
2005	Boats.com Marine Industry Web Awards	Manufacturers Category for www.sunseeker.com	1994	Queen's Award for Export Achievement	Queen's Awards for Industry
2004	Sydney Boat Show 2004	Best Overall Display	1992	Best in the World Award	Renegade 60, Boating Magazine
2004	Sydney Boat Show 2004	Best Marina Display	1990	Exporter of the Year	SW International Business Awards
2003	Australian Marine Awards	Manhattan 56, Award for Excellence	1989	Queen's Award for Export Achievement	Queen's Awards for Industry
2003	Australian Marine Awards	Predator 68, Best Imported Non-Trailable Yacht	1987	Queen's Award for Export Achievement	Queen's Awards for Industry

**Naval architects**  
Don Shead/Sunseeker Design

**Exterior styling**  
Sunseeker Design

**Interior design**  
Sunseeker Design/Design Unlimited

**Builder**  
Sunseeker International

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