

# **C R U I S E R R A C E R**

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**-777-**

**Swan 45 Trafalgar**

**SOLD**



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GENERAL	
<b>Name</b>	Swan 45 Trafalgar
<b>Model</b>	Swan 45
<b>Type</b>	CRUISER-RACER
<b>Year</b>	2002
<b>Hull Material</b>	GRP
<b>Flag</b>	Ecuador
<b>Sail Number</b>	ESP 10222
<b>Color</b>	White
<b>Lying</b>	South of France.
<b>Price</b>	370000
<b>Vat</b>	PAID
<b>Slogan</b>	Ready to win, refit 2015 and new sails 2015.
<b>General Notes</b>	Ready to win, refit 2015 and new sails 2015. Completely updated and checked.
<b>Final Notes</b>	Trafalgar is an excellent example of this hugely successful one design fleet. Since her delivery she has mainly been used for class racing.

DESIGN	
<b>Builder</b>	Nautor Swan
<b>Designer</b>	German Frers.

DIMENSIONS	
<b>Loa</b>	14.00 m
<b>Lwl</b>	12.07 m
<b>Beam</b>	3.88 m
<b>Draft</b>	2.80 m
<b>Ballast</b>	4124 kg
<b>Displacement</b>	9863 kg

<b>ENGINES</b>	
<b>Engines</b>	Volvo Penta D2-55 /40.5KW – 55HP
<b>Propeller</b>	GORI Racing 2 blades
<b>Notes</b>	Volvo Penta D2-55 marine diesel 40.5 kW 55 HP @3000 RPM with saildrive unit and 2-blade folding propeller. 150 ltr fuel in one tank of aluminium.  Removable front part of engine box. Service hatch. 12V starting battery. Engine control panel in cockpit (replaced june 2007).

<b>TANKAGE</b>	
<b>Fuel</b>	150 l
<b>Water</b>	350 l
<b>Notes</b>	Composite sea cocks for all through hull fittings below waterline. Sea water for toilet flushing. Fresh water 320 ltr in polyethylene tank consisting of three interconnected compartments. Pressurized hot and cold water with back-up foot pumps in galley and head. Oras single lever mixing faucets. Polyethylene holding tank 60 ltr with level indication for forward toilet. Manual toilet discharging to holding tank. Tank emptied by hand pump or deck suction. Two manual and one electric bilge pumps. Tank level indication for fuel and water. Battery driven refrigeration unit. Exhaust blowers in galley and head. Engine space air inlet from deck, outlet with blower to transom. Remote control fire extinguisher in engine space.

<b>GALLEY</b>	
<b>Notes</b>	Gimballed two burner stove with oven, protected by stainless steel guard Stainless steel double sinks with fresh water tap Corian Cameo White counter tops and sink cover Drawer and lockers Front loading refrigerator 80 ltr (New compressor 2014), top loading ice box 60 ltr. Ice box convertible to freezer. Garbage bin

## INSTRUMENTS

Notes	
	<p>Forward facing chart table with seat.  Chart stowage under table top. - Electronics recessed in panel above.  Chest of drawers - Oilskin locker.</p> <p>One SUUNTO magnetic compass, mounted on steering pedestal.  Autopilot – NEW 2014.  B and G 2000 system including sonic speed, paddle wheel, 4 x 20/20 at mast, 1 x FFD on pedestal(removed for racing), 1 x FFD at navigation station and 4 x FFD on coach roof and 2 analogue - wind and magnified wind with updated software.  Deckman race computer with screen at chart table and live charts.(new july 2007).  Stereo radio CD with speakers in saloon and deck. ( New deck speakers).  ICOM VHF radio with DSC.  Leica GPS interfaced to B and G and race computer.</p>

## ELECTRICAL

Notes	
	<p>12 V DC insulated return system for lighting and general service  Service battery of gel cell type 12V 290 Ah (20h) GRP box under saloon table.  Starting battery 12 V 46 AH in same box.  Bottom of mast, shrouds and stays grounded to keel.  12 V outlet at chart table and in cockpit.  One reading light above each berth.  Recessed halogen dome lights overhead.  Flexible chart light and red night light at navigation station.  Separate entrance light.  Navigation lights:  Red and green side lights on pulpit. ( new LED lights either side as per modification).  White stern light on pushpit.  White bow light on forward side of mast.  Main switchboard 12 V DC outboard of chart table.  130 A alternator with three step regulator for service and 60 A alternator for starting.  230v Shorepower.  Mass 12/80 battery charger.</p>

## SPARS & RIGGING

**SPARS & RIGGING**

<b>Sails</b>	<p>UK Main sail – 2006 (used only one week).</p> <p>North 3DL  Mainsail – 2004, 2007  #1 2002, 2004, 2006  #2 2002, 2004, 2006, 2007  #3 2002, 2004(has been recut to make a 3+ 2007), 2007.  #3 + see above  #4 2002</p> <p>Cruising sails in soft Norlam (Both sails have very light use and mostly required for deliveries):  Mainsail with reefs  Furling Genoa</p> <p>Spinnakers:  North asymmetric code 1 (light) 2002 and 2005,2007  UK S-1 2006  North S 1-5 2007  North asymmetric code 5 (heavy)  UK sails symmetric 0.9  UK sails symmetric 1.5  North symmetric code 2 July 2010  UK Runner</p>
<b>Notes</b>	<p>White painted carbon fibre double spreader 15/16 fractional rig swept 20 degrees.  Carbon Fibre spreaders.  Windex/VHF Ariel with light.  Tall wand for B and G instruments.  Harken Unit 2.5 furler.  Tuff luff racing headstay.  Carbon fibre main boom.  Single line reefing arrangements for two reefs.  Main sheet continuous.  2 Spinnaker halyards.  Navtec rod rigging with discontinuous shrouds, Series 800 deck turnbuckles.  Combined mainsail Luff groove and Antal track system  Mechanical vang, hydraulic backstay adjustment and main outhaul with control panels each side in cockpit.  Removable hydraulic mast jack.  1 x tack line for asymmetric.  Instrument bracket – Carbon for 4 x 20/20's.  Carbon fibre spinnaker pole track &amp; tackle.  Racing Hydraulics including backstay Outhaul.  12:1 Inhaul &amp; 12:1 racing Harken genoa car system.</p>

DECK	
<b>Notes</b>	<p>Advanced laminate sandwich deck with unidirectional skins and low density closed cell foam core.</p> <p>Stowage for liferaft and gas bottles below cockpit sole. Stowage locker in SB seat.</p> <ul style="list-style-type: none"> <li>- Teak deck in cockpit and on side decks, glued and vacuum bagged.</li> <li>- Main companionway sliding hatch garage flush with coachroof.</li> </ul> <p>Grand prix winches in lieu of standard  Primary sheet winches Lewmar 55/3  Mainsheet winches Lewmar 50 Stor-SNR  Halyard winches Lewmar 48 Stor -SR  Harken aluminium jib sheet tracks  Harken aluminium main sheet track.  Harken halyard lead blocks.  Spinlock clutches.</p> <p>Stainless steel pushpit, pulpit and stanchions with gate in port and stb side  30 mm high teak toe rails forward of mast.  Boarding ladder aft.  Composite mast collar.  Removable stainless anchor roller  Mooring eye on fore deck  Folding eyes for harness attachment in cockpit.  Custom sliding seats in aft cockpit  Windlass – Lewmar V2/3 electric windlass for 12-16mm chain with two piece chain locker fitted in bow with deck cover plate when required.</p> <p><b>HATCHES</b>  Anchor stowage hatch  Cockpit hatch for steering system access.  1 foredeck hatch Lewmar size 60  1 saloon overhead hatch Lewmar size 60  1 ventilation hatch in fwd head Lewmar size 03  4 fixed coaming windows  4 openable coaming portlights - in both aft cabins, galley and navigation area  1 portlight from both aft cabins to cockpit  Tinted acrylic main companionway sliding hatch with Swan custom dropboard.  A large portion of the visible interior is varnished teak with hand rubbed satin finish.  Teak bulkheads and topside slats in fore and aft cabin.  Floorboards of sandwich lightweight construction, covered with teak and holly veneer.  Lightweight overhead liner.  Foam mattresses over Scandi-Flex battens.  Curtains for side windows  Canvas leecloths for saloon and aft cabin berths  Set of green canvas anti chafe on all exposed timber work including saloon table, nav area and galley.</p>

CONSTRUCTION	
Notes	<p>Glass / vinylester laminate with carbon reinforcements in selected areas. Sandwich topsides and single skin bottom.</p> <p>Fibre reinforcements are multiaxial or unidirectional</p> <p>Bottom stiffeners reinforced with unidirectional carbon and multiaxial glassfibre in selected areas.</p> <p>GRP engine beds.</p> <p><b>KEEL</b></p> <p>Antimony alloyed lead bulb and fin with upper flange recessed into hull. Fin bolted to hull with high tensile steel bolts. Race fared.</p> <p>Keel is at maximum weight and depth.</p> <p><b>RUDDER</b></p> <p>Foam filled rudder with carbon/epoxy stock. Raced fared and templated.</p> <p><b>STEERING</b></p> <p>Aluminium quadrant. Cable steering with roller bearing sheaves.</p> <p>New steering cables July 2007.</p> <p>1.87 m Aluminium recessed steering wheel with racing binnacle.</p> <p>0.8 turns H.O. to H.O.</p> <p>Aluminium emergency tiller.</p> <p>NGA-type gelcoat. - White hull.</p> <p>Epoxy primer and prior to durapox racing finish achieved by Camper and Nicholson's using keel templates laser rudder and keel alignment etc. (no antifouling) on bottom.</p> <p>Composite mast step with movable shoe.</p>

ACCOMODATIONS	
Cabins Number	3
Bath Shower	Yes

**ACCOMODATIONS**

Notes	<p><b>FORE CABIN</b> Double berth with stowage under. Hanging locker and seat. Mattress covers Colico no 35.</p> <p><b>HEADS</b> White GRP interior module to half height Corian Cameo White wash basin. Fresh water tap, shower, mirror and waste container.</p> <p><b>SALOON</b> Folding leaf table. Lockers outboard Settee backrests fold up and convert into Pullman berths. Tanks below settees. Saloon seating Calico no 30 with cream water proof racing covers.</p> <p><b>AFT CABIN PORT AND STARBOARD SIDE</b> Double berth. - Stowage under berth. Hanging locker. No second head.</p>
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**EXTRA NOTES**



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Owner's Manual.  
16 kg DELTA anchor and 7.5 kg Bruce with 10m chain.  
50 m 14mm anchor line spliced to 10m 8mm.  
Grade 40 chain.  
Six mooring lines.  
Six airfenders.  
One boathook.  
5 x double grip and 3 x single grip winch handles.  
2 x spring lines for Med mooring.  
2 x spectra jack lines.  
1 x 10 foot weed stick.  
six winch handle holders.  
Bosun's chair.  
Flag pole.  
Safety belts for navigator and cook.  
Engine spare parts.  
Engine tool kit.  
Export cradle.  
Tarpaulin.  
Sprayhood over entrance dark green.  
Green canvas deck covers covering 90% teak.  
Wheel cover.  
2 x halyard bags.  
2 x cotpit bags.  
2 x nav bags aft.  
Carbon bow deck plate.  
2 x carbon helmsman foot chocks.  
2 x carbon mainsheet foot chocks.  
4 x carbon deck chafe plates.  
Windlass – Lewmar V2/3 electric windlass for 12-16mm chain with two piece chain locker fitted in bow with deck cover plate when required.  
New cushions cover for the interior – never used.

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