



# Nimbus 405 Coupé

*Cruising made perfect*



**NIMBUS**



SWEDEN

# NIMBUS FLAGSHIP

## NIMBUS 405 COUPÉ

The Swedish built Nimbus 405 Coupé is the largest boat in the Nimbus Coupé Series, which includes the 305 Coupé and 365 Coupé. The 405 Coupé is built using the same “sidewalk” concept as the award winning 365 Coupé and which was voted “European Power Boat of the Year 2012”

*T*imeless beautiful lines meet strict design and clever functionality.

The boat has many similarities to her smaller sisters but offers several new features; Nimbus Design Team has added several interesting aesthetic and functionally integrated details. These include twin touch screens at the helm, room for five to ride facing front, a new D-pillar with integrated ventilation, wholly glazed aft deck door, electric powered table on the aft deck and a “granny hatch” that conceals a mains power plug on the stern. Other innovations include newly designed engine room ventilation in the hull sides with powered extractors, galley with ceramic gas hob and dark composite

worktop, 120 litre capacity fridge plus extra cool storage in pull-out drawers beneath the saloon sofa and much more.

- “We would never build a boat that is not considered practical in her natural element. Although we always try to make her as beautiful as possible. It is a balancing act. It is always easier to design beautiful lines if you don’t need to take functionality into account. Our customers are very conscious and they appreciate our designs because they understand that we build crafts that are actually used at sea and not only look good in pictures or at boat shows. That is the secret of our success,” said Joacim Gustavsson, head designer at Nimbus Boats Sweden AB.











# SIDE WALK

## DESIGN

“Sidewalk” is an asymmetrical deck layout where the side deck along the starboard side is extra wide and provides generous freedom of movement. It becomes convenient and enjoyable to move about on-board from bow to stern, and easy to get on and off the boat along the entire starboard side. Maximum use is made of the interior volume, allowing the cockpit, saloon, lower deck and cabin to be larger than would otherwise be the case in a boat of this size. An important feature of the Nimbus sidewalk concept is the large flush fitted sliding door to starboard. The sliding door provides quick access when laying alongside and enables manoeuvring the boat from a standing position on the side deck. The sidewalk concept also allows the use of the aft deck for various activities. And on the foredeck the extra space is used to integrate a large sun deck as a natural feature of the boat's design.

- “We focus on the conscious customer with experience of the sea who requires a large portion of comfort and safety. What is interesting about our coupé concept is



that it has such an “all round” quality, where socialising and other on-board activities can be combined with excellent long cruising characteristics. Our coupé boats in particular has enabled us to reach out to both new and younger customers internationally. It has become apparent that our coupé boats are not just for the older generation who prioritise functionality and comfort, but also

for families and for younger people who want both fun and to voyage securely and safely,” said Jonas Göthberg, marketing manager, Nimbus.

All laminate in the boat is vacuum injected at the Nimbus boatyards in Mariestad, Sweden. Everything from hull, deck, superstructure, interior laminated surfaces and hatches. “Divinycell” is used in

the sandwich laminate, providing excellent insulation properties from both heat and cold and transports condensation away very efficiently. “Innerliner” and “headliner” are built entirely of glass fibre. The result is easy-to-clean, smooth surfaces in the stowage lockers, stowage areas, sides and ceiling.





The vacuum injection method, in combination with high quality material and multilayer woven glass fibre matting, result in a hull and laminate that is insulated, strong and light.

- "We consciously focus on those who set high standards, and we normally use double moulds (inner and outer moulds) to provide solid,

high quality finishes. This provides the optimum feeling of quality and is easy to keep clean and smart. It was always taken for granted that we should use vacuum injection technology, not only because of advantages in quality, but from the environmental standpoint," said Jonas Johansson, manager of the Nimbus boatyard in Mariestad.

# MORE QUALITIES AND FUNCTIONALITY

Polyurethane glued windows in the superstructure and a large wrap around windscreen provide a very contemporary look, exceptional stability and a quiet saloon. The helm has been

re-modelled and the instrument panel is fitted with twin 12 inch plotters. Visibility is exemplary owing to uncluttered surfaces (nothing gets in the way), matt finish anti-reflecting materials and integrated folding wipers. Large flush-fitted sliding door at the helm and large sliding glass roof with integrated sun blinds.

Seating for four to five facing front. Divided into two seats at the helm and two-three seats the reversible passenger sofa (the reversible passenger sofa was developed in the seventies for the Nimbus 26 and has been constantly developed and refined ever since).

Much effort has been utilised to maximise function and atmosphere of the lighting aboard the boat in both interior and deck areas. LED lighting is used throughout with dimmers for selected areas. Red navigation lamp at the chart table.

The saloon has an open Scandinavian layout with large flat surfaces and is light and airy, roomy and modern, but made cosy at the same time by special lighting, wood fittings and attractive seating and cushion covers. The beautifully finished joinery in the saloon and cockpit exude a wonderful feeling of handcraft and quality. The large U-sofa seats 6-8. The dining table folds down into a cocktail table with glass holders, making the saloon a handy place for socialising.

Concealed ventilation provides a better inside climate and reduces

damp and humidity owing to good air circulation in all cabins.

The module designed galley (60CC) allows customised installations such as micro, electric hob, dishwasher, choice of ovens (electric or LPG). The galley is fitted with a fan that can be installed in the upper cupboard above the hob.

The interior of the lower deck is a surprisingly spacious and well-fitted area. The bulkhead is upholstered in light fabric that increases the feeling of space while absorbing sound. There are three two berth cabins, one master cabin with ensuite bathroom, the other two cabins sharing a shower and head. Light flows in through the master cabin skylight and provides a feeling of space. The light flowing down between the instrument panel and windscreen is a new feature of the 405 and





lends the lower deck area a light and roomy ambience. An extra wardrobe is fitted on the lower deck.

The boat has a generously sized and comfortable aft deck with an extra-large, L-shaped sofa. The electrically powered folding table converts into a sunbed. The after deck shares the same level as the bathing platform and saloon.

The large, sturdy bowsprit is combined with a stainless steel pulpit for safe and easy boarding and/or loading. Anchor box hatch in the bow. Integrated bow and stern windlass in stainless steel frame. Easy to get at and reduces the risk of stubbed toes.











# DRIVE- TRAIN & ENGINE COMPARTMENT

The drive shaft with tunnel system is a well proven technology and has several advantages. The straighter shaft angle makes for a more efficient power line and thereby lower fuel consumption and more speed. Better course stability at low speeds and shallower draught.

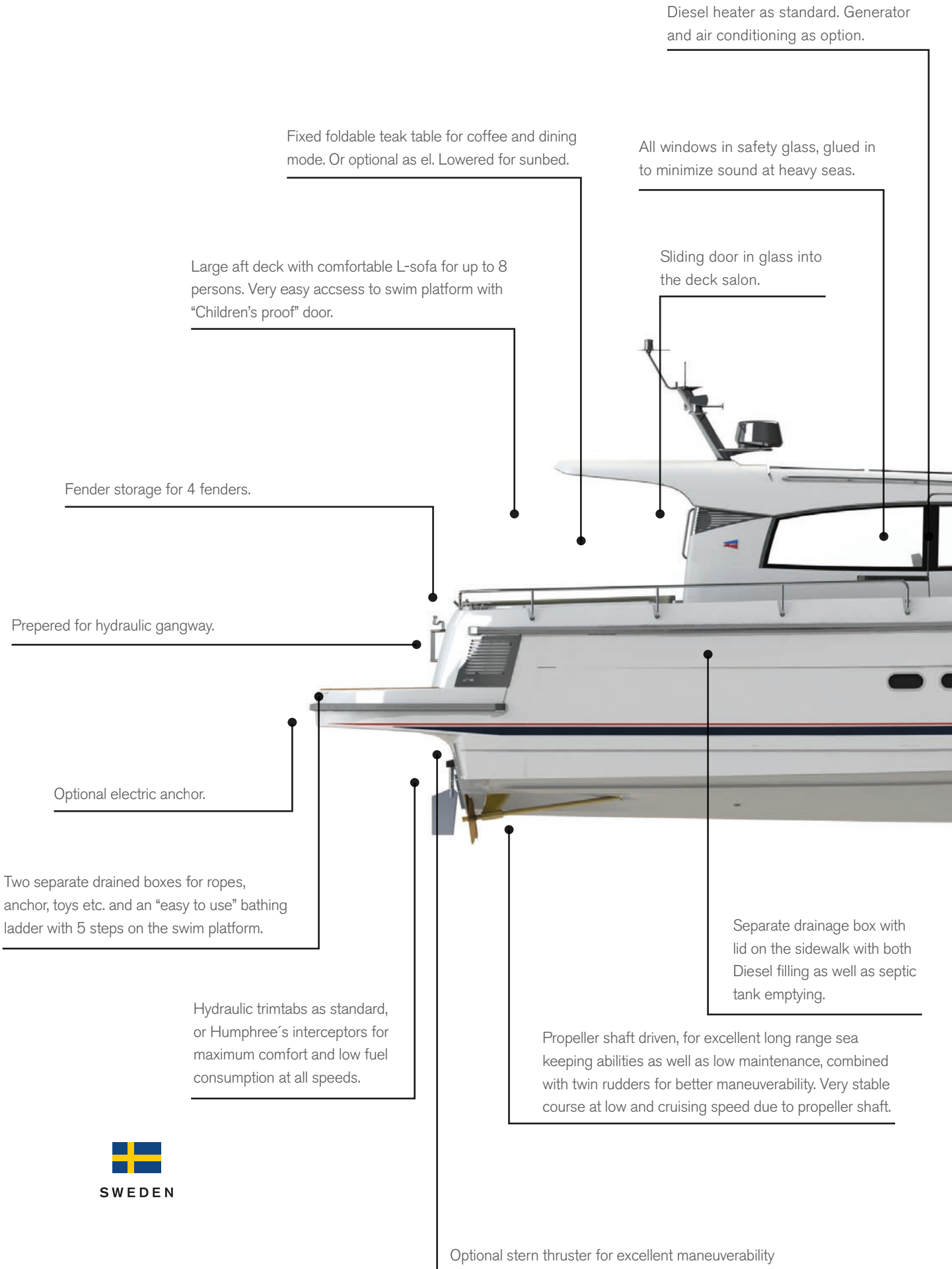
“Boat Trim System” is standard and functions like trim tabs but with higher efficiency, speed and is automatic. An upgrade to Humphree Interceptor System is also available.

Automatic mechanical ventilation in the engine room reduces the temperature and extends the life length of the engines and provides the best conditions for problem-free boat ownership.

Generous sized, strongly constructed aft stowage, aluminium lined and fitted behind the engines.

In all, the 405 Coupe is a modern, solid and functional boat perfect for an uncomplicated and enjoyable life at sea and causing a minimum of environmental impact. The 405 is built in Sweden at the Nimbus yard in Mariestad.

# HIGHLIGHTS



Diesel heater as standard. Generator and air conditioning as option.

Fixed foldable teak table for coffee and dining mode. Or optional as el. Lowered for sunbed.

All windows in safety glass, glued in to minimize sound at heavy seas.

Large aft deck with comfortable L-sofa for up to 8 persons. Very easy access to swim platform with "Children's proof" door.

Sliding door in glass into the deck salon.

Fender storage for 4 fenders.

Prepered for hydraulic gangway.

Optional electric anchor.

Two separate drained boxes for ropes, anchor, toys etc. and an "easy to use" bathing ladder with 5 steps on the swim platform.

Separate drainage box with lid on the sidewalk with both Diesel filling as well as septic tank emptying.

Hydraulic trimtabs as standard, or Humphree's interceptors for maximum comfort and low fuel consumption at all speeds.

Propeller shaft driven, for excellent long range sea keeping abilities as well as low maintenance, combined with twin rudders for better maneuverability. Very stable course at low and cruising speed due to propeller shaft.



SWEDEN

Optional stern thruster for excellent maneuverability



Sliding side-door with access to deep side deck from the helm. Also easy and safe step-off from boat with opening in the pulpits.

Wide deep gang board running from stern to bow for safe passage. The deck is illuminated with LED- courtesy lights.

The complete boat is produced with the most modern vacuum infusion technic, The Hull, deck hardtop and the bulkhead are all vacuum infused with a core of divynycell.

- A vacuum infused laminate with divynycell grants maximum strength lightweight and good insulation both for warm and cold climate.
- Low noise through the hull from both waves and engine noise
- Higher speed = Less consumption
- Low overall emissions both while producing as well as using the boat.

Standard with 12mm solid teak deck. All teak deck mounted at Nimbus are FSC marked to secure the origin.

Sleipner SE100 Bow thruster as standard.

## **VOLVO PENTA**

Modern hull with tunnels for the propellers with Volvo Penta 2xD4 4 cylinder or 2xD6 6 cylinder common rail dieselsengines available. Best performance for comfort and consumption.

Mid ship mooring cleats close to side door so that you can maneuver yourselves and also very easy when trawling trough locks.



# HIGHLIGHTS

Openable side window on portside.

Large U-Sofa in deck salon. The front passenger seat is with an easy handgrip foldable to host 2 passengers facing forward while driving. Big dinner table in varnished mahogany.

Polished stainless steel top mast with place for radar, search light tv antella VHF antenna etc. Its foldable for going under bridges.

Large "Glass roof with electric operated roof hatch, built in sunscreen.

Extended roof covering the aft deck with "Glass veranda" style canopy.

Ventilation in D-Pole for kitchen fan.

Large comfortable L-Sofa on aft deck with as many as up to 8 seating's.

Heavy duty fender list around the boat and bating platform.

Large panorama side-windows in deck-salon with curtains and designed blinds.

Modern galley with ceramic cock top with gas. Large working area and lots of storage for groceries. The kitchen modules is made in size of 60 cm witch allows large flexibility to build your own galley. Large 135 liters of refrigerator as standard with option of extra freezer (29 l), refrigerator (36 l) and coffee machine. Full set of crockery and cutlery for 6 persons is always included.

Ergonomic driver seat with stand up function, and place for two persons.



Side-door for easy access to side walk deck, very comfortable when mooring. And a second exit out, gives a feeling of space.



LCD TV, good visibility from deck-salon.

Panoramic front screen with hidden windscreen in the hardtop.  
Interval wiper, window washer and defroster on screen is standard.

Interior in varnished mahogany with textiles in light Scandinavian beige or  
marine classic blue. All light in LED and with several points of courtesy lights.

Skylight inside the boat for light to separate  
shower and toilet in owners cabin.

Easy entering through an intergrated  
pike with open railing, and built in  
electric anchor as standard.

Asymmetric Side-deck gives you good and  
safe access on starboard side.

Optional sun-cushions on front deck.  
Easy access via Side walk.

Flush mounted panorama glass roof,  
for an light and open front cabin.

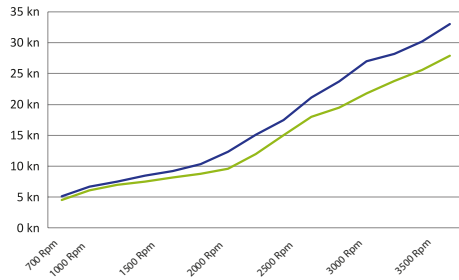
16" or twin 12" chart plotter from Simrad optional. 1x 12" as Std.  
Bow and stern thruster for easy mooring, reachable from side door  
so that you can maneuver the boat yourselves.



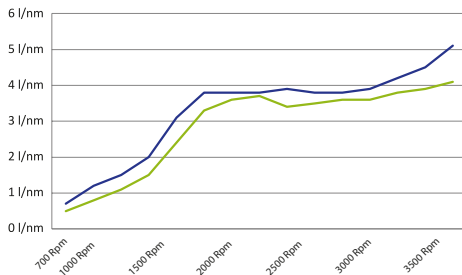
# TECHNICAL SPECIFICATIONS



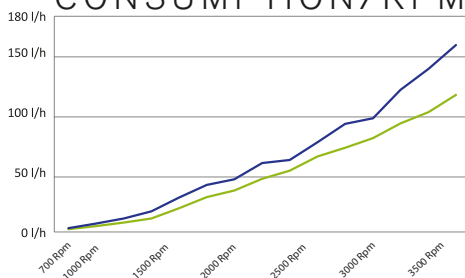
## SPEED/RPM



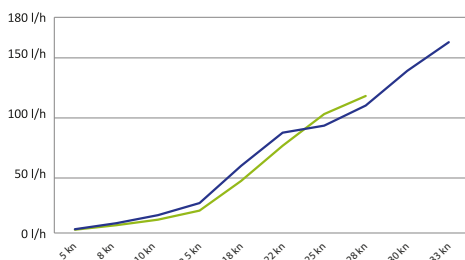
## LITER/NAUTICAL MILE



## CONSUMPTION/RPM



## CONSUMPTION/SPEED



## MASS AND WEIGHT

Lmax, Overall length	13,33 m / 43,8 ft
Lh, Length of hull	13,16 m / 43,2 ft
Bmax, Overall beam	3,86 m / 12,7 ft
Bh, Beam of hull	3,75 m / 12,3 ft
Ha, Air draught	4,23 m / 13,9 ft
Air draught, folded mast:	3,9 m / 12,8 ft
Th, Transport height	3,8 m / 12,5 ft
Thc, Transport height in cradle	4,00 m / 13,2 ft
Tmax, Draught	1,05 m / 3,5 ft
CoG, Centre of gravity	4,05 m / 13,3 ft
MLDC, max weight allowed (2 x D4/2 x D6)	11600/11850 kg / 25574/26125 lbs
MLCC, Weight	8700/8950 kg / 19180/19732 lbs
MMTL, Max total load	2900 kg / 6393 lbs
Max People	12 Pers.
CE Category	C12 / B8
Cabins	3
Berths	6

## CAPACITY OF TANKS

Fuel Capacity	2 x 500 l / 2 x 132 US gal
Water Capacity	2 x 200 l / 2 x 52,8 US gal
Hot Water Capacity	40 l / 10,57 US gal
Waste Capacity	135 l / 35,7 US gal

## ELECTRICAL SYSTEM 12V AND 230V

Start battery	1 x 12V x 77 Ah
Service battery	7 x 12V x 80 Ah
Service battery Heavy Duty	3 x 12V x 77 Ah
Frequency	50 Hz
Shore power	230V AC
Battery charger	12V 50 A

## ENGINE ALTERNATIVES

■ Volvo Penta 2 x D4-320 470 kW (640 hp)	V-Max 28 kn
■ Volvo Penta 2 x D6-380 558 kW (760 hp)	V-Max 32 kn

Nimbus Boats AB is constantly developing products so that the information in this brochure may differ from one boat to another. Differences in equipment, loading conditions, etc. can affect speed and fuel consumption. The figures for the range are intended only as indicators and are based on a filling of 84% of the maximum filling quantity and optimal conditions. The range is largely influenced by wind, waves, current, driving style, condition of the boat, etc. Some of the items shown are optional and some are not.

