



Laser



The Range

LASER

LASER RADIAL

LASER 4.7

LASER VAGO

LASER PICO

LASER 2000

LASER STRATOS

LASER STRATOS KEEL

LASER 4000

LASER SB³

FUNBOAT

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Laser is the world's favourite sailboat company. The imagination, innovative design, attention to detail, manufacturing quality and first class after sales service put us N° 1 worldwide. From the Olympic Class Laser our range contains something for everyone, whether your sailing aspirations involve international regattas, cruising or club racing.



KEY TO SYMBOLS



Number of crew (adults)



Number of crew (children)



Race programme



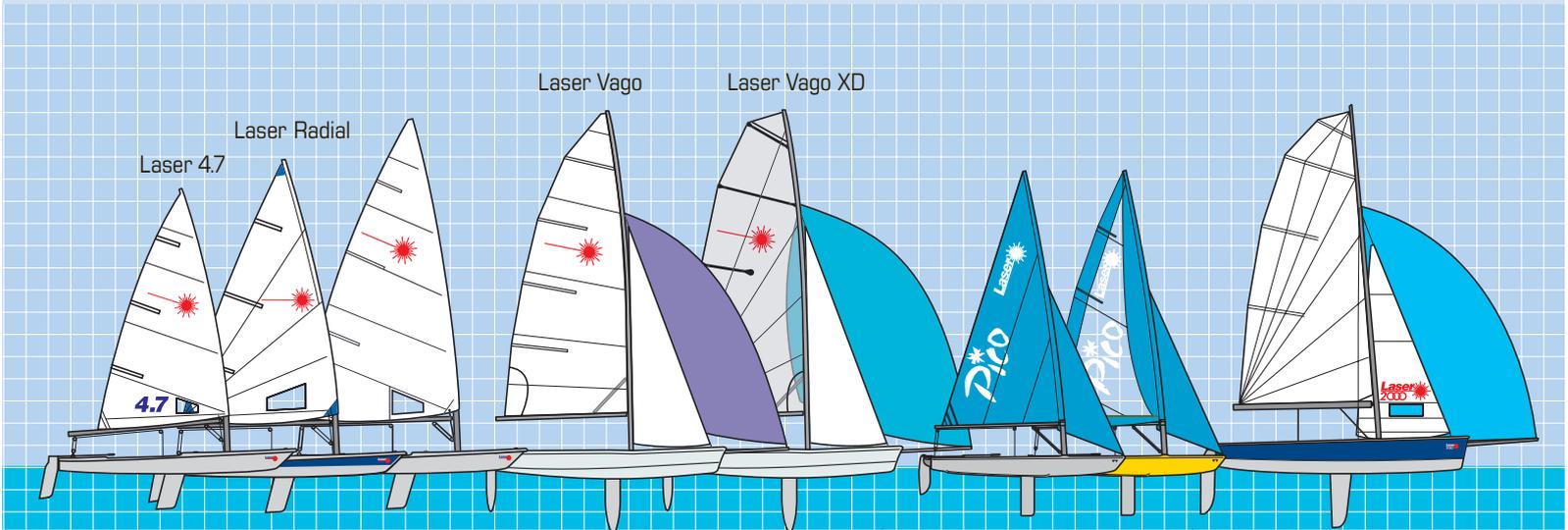
Cartoppable*
(*Can be safely and legally cartopped on most family cars. Refer to your car handbook or manufacturer for details on roof rack loading!)



Crew power equalisation system

PY
1000

Portsmouth Yardstick rating



Laser

Designed by Bruce Kirby
Single handed adult
Three rig options: Standard, Radial and 4.7
Club, National and Continental Class racing
Olympic Class
World's most popular adult racing class

Laser Radial

Single handed small adult, women and youth
Club, National and Continental Class racing
RYA official youth class
ISAF official women's youth class
World's fastest growing youth class
The step before the Laser

Laser 4.7

Single handed small youth
Club, National and Continental Class racing
RYA official youth class
Next step after Optimist

Laser Vago

Designed by Jo Richards
1 or 2 adults
Ultra modern
multifunctional dinghy
Unmatched handling
Exhilarating performance
Stable and reassuring
Very robust
Two rig options: add large Mylar mainsail, larger gennaker and trapeze for top performance Vago XD

Laser Pico

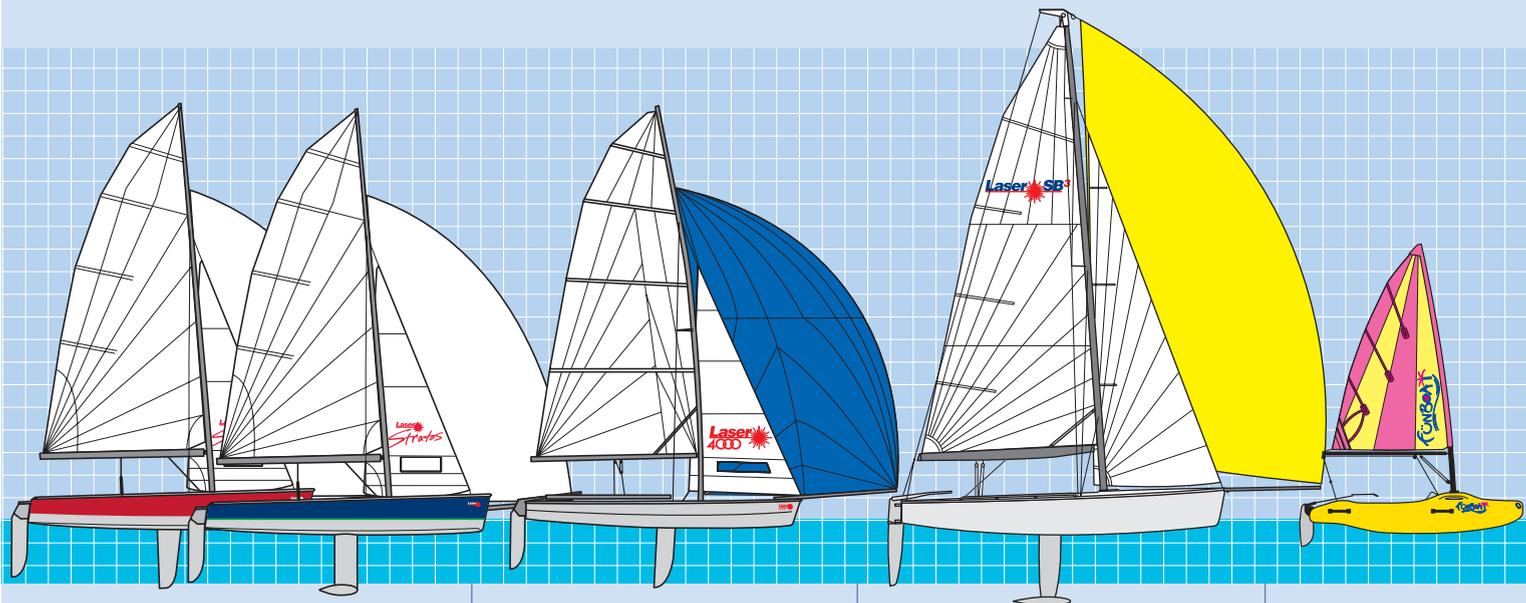
Designed by Jo Richards
1 or 2 adults /
1 Adult+child /
2 or 3 children
Off the beach family fun
Ideal for entry level sailing
Easy to handle
Very robust
RYA school approved
Holiday companies' most popular product
Race sail option

Laser 2000

Designed by Phil Morrison
For 2 adults
– 2 adults+2 children
Family sailing
Class racing
Asymmetric spinnaker
Europe's top selling performance dayboat
RYA school approved
Selected by holiday companies and sailing centres



THE RANGE



Laser Stratos

Designed by Phil Morrison
 For all the family (and friends)
 Versatile, fast, day cruising sailboat
 Two versions – keel and centreboard
 Manageable performance
 with space to spare
 RYA school approved
 Selected by holiday companies
 and sailing centres

Laser 4000

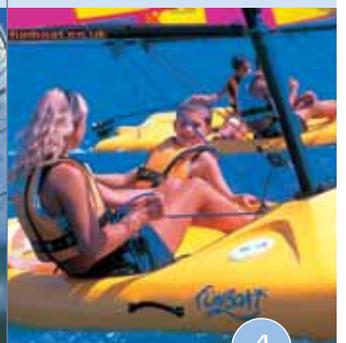
Designed by Phil Morrison
 2 person adult racing
 Single Crew trapeze
 High performance
 Crew weight equalised
 Club and National racing circuit
 Popular fleet with
 great social activity

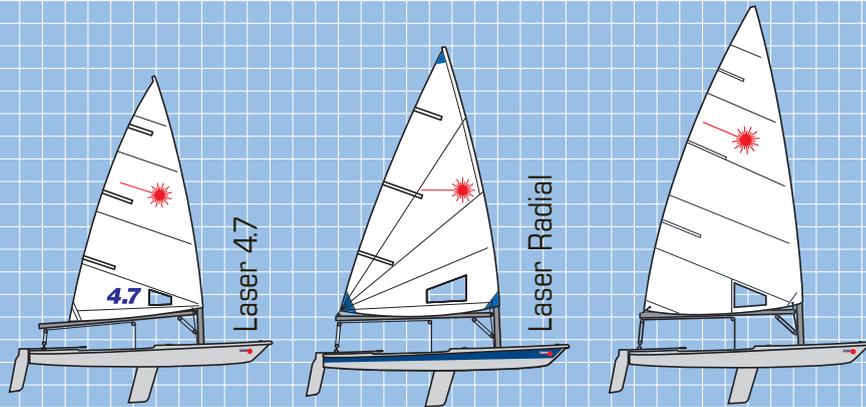
Laser SB³

Designed by Tony Castro
 3 person adult racing
 One design
 High performance
 lift keel sportsboat
 Extremely stable
 No hiking – no getting wet
 Club racing and National circuit
 The most fun three people can
 have without breaking the law

Funboat

Designed by Yves Loday
 and Reg White
 1 or 2 adults /
 1 Adult+child /
 2 or 3 children
 Off the beach family fun
 Exceptional stability
 Easy to handle
 Very robust
 If you can ride a bike
 you can sail Funboat!





Length	4.23m
Beam	1.42m
Hull Weight	59kg
Sail areas:	
Laser	7.06m ²
Laser Radial	5.76m ²
Laser 4.7	4.70m ²

“International Laser is a sailing phenomenon”

Over 180,000 are sailing in over 120 countries. Every one is built to incredibly strict class rules which prevent expensive go-fast extras – a major part of the appeal. Because when you race a Laser you know that everyone around you is in exactly the same boat, so it’s the slickest sailor that wins the day, not the smartest mover in the chandlers. It also means that your Laser will never be outdated, which explains why it has such an enviable resale value.

A Laser is a winning sailing investment

Easy to transport, cartopable on most makes of car, it takes just a few minutes to get ready for action. Slot the two piece mast together, slide the sail over the mast and place into the hull... that’s about a three minute job. Then just wheel your Laser down to the water and within five minutes you are off.

And you will never forget the first time you sail a Laser

Whilst this boat has earned an international reputation for its racing pedigree, it is so much fun to sail. That’s why Lasers are so popular with the world’s top holiday companies.



The Lasers you see and sail on these beaches are built to exactly the same specification as the Lasers in the Olympic Games.

Wherever you see sails you are likely to see Lasers. Most clubs race them, so you will never have to travel far to find great competition, unless, of course, you want to. When you sail a Laser you join one of the largest and friendliest sailing families in the world, with an events programme that is second to none. A full international schedule for youth and Masters sailors, plus a weekend racing programme at club, regional and national levels.

It’s easy to take part. In all but the most major championships you just rock up with your Laser and enjoy. And if you want some tips before you try your first event then there are stacks of training programmes, from complete beginners’ courses right up to top race training.

If you have seen Laser racing and are intrigued as to just why so many people in so many countries are hooked, or if you feel that your weekends could be even better, then come and join us.

FORMULA LASER

Laser 4.7, Laser Radial, Olympic Laser: Three Boats: One World Class



Laser 4.7

The real thing for young sailors
With a sail area 35% smaller than the full rig, Laser 4.7 is the answer for small people with big aspirations to learn and develop Laser sailing skills at the youngest age. Training in the Laser 4.7 will give those who relish the chance to compete, practice in the boat that will continue to provide the best competition for years to come. With numerous international events and its own World Championship firmly established, this newest of ISAF recognised classes continues to grow at an impressive pace. For parents, sailing federations, and sailing schools the Laser 4.7 is really cost effective because when age, ability and size means it's time to move on there is no need to invest in a new boat. Simply select a new sail and lower mast section and go Laser Radial racing...

Laser Radial

A class in its own right for sailors whose physique is better suited to the Laser Radial rig (sail size 18% smaller than the Laser) with an exceptional events and training programme for all ages and abilities.

Laser Radial Youth Sailing

Laser Radial racing has been the foundation upon which so many of the Laser sailors at the highest level have built and developed their skills. There are quality training programmes and club, regional, national and international regattas. The Laser Radial is used for many of the top world youth sailing events, whilst Radial international events boast impressive entries. At the highest level this is a major step towards an Olympic dream - if you are a teenager with a passion for sailing this is the place to prove yourself. You will meet sailors from all over the world with similar ambitions. On the race course you will be rivals - ashore, where the après sail kicks in, you will make friends to last a lifetime. At the last Olympics the atmosphere in the Laser pit lane preparation area was incredibly friendly. Many of the competitors from around the globe had been close friends from their Laser Radial days.

Laser Radial for Lightweights of all ages

Sailors of all ages, whose physique is better suited to the smaller Laser Radial than the full Laser, enjoy a full events programme. There are categories for different ages and abilities, including "Open" and "Masters" World Championships.





An Olympic Gold or a first ever Laser race

On a midweek summer's evening, there is the same burst of adrenaline as the start gun fires, the same exhilaration of proving just how good you are. The same sensation of surfing downwind in a sea of spray; the same satisfaction of crossing the finish line, knowing that you have given your all. Winning or losing is down to you alone, as every boat is identical.

The best owners' association

The International Laser Class Association with national organisations in all the main Laser sailing countries organises event programmes, co-ordinates training programmes and provides regular newsletters or magazines. If you own a Laser, membership of the class association is the way to get the maximum enjoyment:

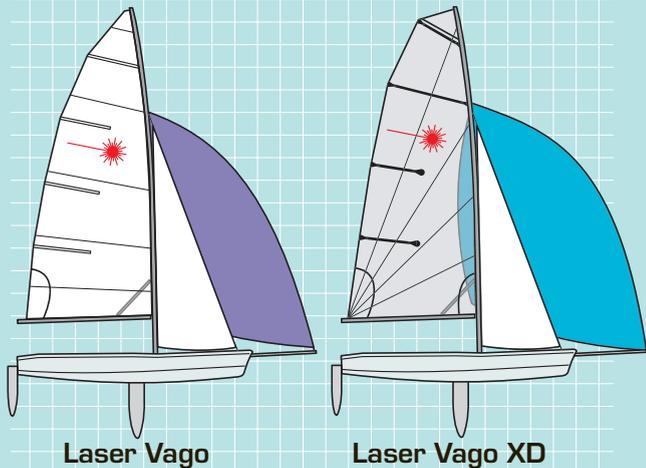
www.laserinternational.org





“VAGO is a sexy shape. It doesn't just feel fast, IT IS FAST – and in a breeze it manoeuvres like a dream”

MARK RUSHALL professional sailor



Laser Vago

Laser Vago XD

Laser 
VAGO

Length 4.20m
Beam 1.56m
Hull Weight 86kg

Vago sail areas:

Mainsail 8.00m²
Jib 2.66m²
Gennaker 11.38m²

Vago XD sail areas:

Mainsail 9.32m²
Jib 2.66m²
Gennaker 13.00m²



LASER VAGO



Unmatched handling, exhilarating performance, stunningly modern design: **Laser Vago** is a concept that pushes the boundaries of dinghy sailing for the next generation of sailors worldwide.



LASER VAGO



“Look at the Vago from the front: it looks like nothing else... cool!”

MAX HOLLIWAY Laser Radial guru



Every time you're on the water, experiencing Laser Vago, it will provide extraordinary, memorable sailing. It's unique, it's awesome – it's there, not thereabouts!

Through a unique combination of style, versatility and hydrodynamic ability, we have raised control, stability, planning performance and comfort to unprecedented levels.

The designer Jo Richards has an outstanding reputation for designing a range of small boats including the world's most popular rotomoulded boat - the Pico. Jo is known for innovation on his boats and for pushing the design boundaries... the result the Vago incorporates versatility with sail combinations for a range of different sailing environments.

The sub-chine area of the hull is designed in a way to promote early planing, whilst the tuned rocker profile enhances manoeuvrability. At deck level the sides have been flared out to provide good righting moment; enhancing buoyancy, whether hiking or on the trapeze, and offering added space in the crew cockpit area.

Laser Vago is versatile with a multi-functional concept and interchangeable horsepower. It encompasses many design features

found on individual boats. The magic of this Richards design is that the Vago carries the majority of them, without compromise.

The technical qualities and design features of the Vago are far beyond the usual – starting with the perfectly tuned rig that complements the innovative hull design.

The Vago is constructed from a polyethylene Tri-Skin foam sandwich, offering durability and a hard wearing exterior which means maintenance is kept to an absolute minimum. The shape offers outstanding performance.

Laser Vago comes in two versions. Put simply the difference is horsepower: one of them has more sail area and a trapeze.

The Gnav vang system creates more space in the cockpit to assist crew mobility and comfort. It has a “sit in” feel, not usually associated with asymmetric skiff style sailing. The cockpit design supports hiking and trapeze options, with inset steps for easy leverage.

The Vago has a high boom giving more crew space and a simple layout with all control lines being easy to locate and use.

The mainsail operates on a one line





“We have been waiting for the new generation dinghy, we were impressed with the new Laser Vago: easy to sail, logically laid out and it’s a Laser”

QUEEN MARY SAILING SCHOOL

reefing system: pulling on one control line slab reefs the mainsail to 70% of its original size. This feature, coupled with a roller furling jib, means a quick increase or decrease in sail power.

Choosing your Laser Vago specification is easy: the only difference is “engine size”...

Laser Vago offers comfortable, exciting sailing whilst enhancing confidence and skill sets. On board Vago you will find a single line reef system (not on Vago XD), furling jib

and an option for two sizes of gennaker.

Now that you are ready to transform the boat and to add a bigger engine, a performance pack is available which consists of: a large Mylar mainsail, large gennaker and trapeze wires.

For exciting performance sailing with a larger mainsail, gennaker and trapeze you will find the Vago XD incredibly fast.

The next generation of dinghy sailing.

“What a boat... singlehanded on the trapeze with the gennaker up on the Vago XD was fun, fun, fun!”

REMCO KENBECK F18 champion, Holland





DAVE GRAHAM

Laser Pico is an international success story - selected by families, top sailing schools and holiday companies around the globe.



Pico

Length	3.50m
Beam	1.43m
Hull Weight	60kg
Mainsail	5.10m ²
Race Mainsail	6.44m ²
Jib	1.09m ²
Crew	1-2



"It's obvious to me why thousands choose Pico: It's Simple, It's Fun, and It's Cool. À Donf!"

ELLEN MACARTHUR

She's easy to handle

When you see beginners who have only sailed for a matter of hours with an even bigger smile they are in a very special boat! Laser Pico inspires confidence in newcomers - nothing else comes close.

She's fun for all!

"The squeals of excitement from my son were worth buying the Laser Pico for!! We've loved every minute from drifting home with the sun going down to surfing down the waves on the Med." Every member of the family has their own special reasons for loving the Laser Pico.

She's the biggest small boat

A combination of a spacious self draining cockpit and a high boom means there is stacks of room aboard for children or a couple of adults.

Everyone loves her

Yes! Everyone! Laser Pico is already the answer for families around the globe. She can be enjoyed by all ages, all abilities and is so versatile. Sail single-handed or 'Pico Plus' style with a jib.

She inspires confidence

The secret is her quite outstanding stability and easily controlled sail. Newcomers are immediately at ease.

She offers so much, but asks little in return

Families are pretty demanding! Laser Pico is built to take those demands in her stride. Year in year out. She is tough. Requires virtually no maintenance and is ready for action in minutes.

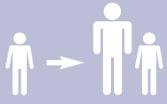


Simple **FUN**

COOL

Race sail option

LASER PICO



Laser Pico has character. The smallest member of the world's most famous sailing family is big on style and personality. She's at home off the beaches of countless resorts in all corners of the globe. **Laser Pico** is built to please at the highest levels. **Laser Pico** is built for your family



PICO

Built to please

Being a lovable personality doesn't happen by chance. It's the design, unique construction and features aboard that have made this little Laser a World-beater...

Tecrothene 109 makes the Pico hull what it is!

Tecrothene 109 is a new generation thermo plastic construction that provides high structural uniformity and consistency, immense stiffness and exceptional impact strength. A linear high density UV stabilised compound moulded into a stress free homogeneous sandwich with an inner closed cell cellular structure.

- Exceptionally strong
- Incorporates built-in buoyancy
- Superbly stiff
- Highly resistant to scratching and impact damage - easy to repair

Cockpit

Stacks of self draining cockpit space. *'Aboard Laser Pico you get the impression she is much bigger than she is - the cockpit space is superb.'*

Design shares the house style with the new generation high performance laser race products: extremely comfortable, self draining. Inspection hatches, centre toe strap and mainsheet ratchet fitted as standard.

Mast and boom

- Two piece aluminium mast
- Aluminium boom
- All cordage
- Clip-on kicking strap



Laser Pico...
a Little Laser,
a LOT of Fun!



'In a very short time Laser Pico has made a really important impact. Small boat sailing is changing fast with lots of new designs for the expert. Laser Pico offers the benefit of the latest design and technology for sailors of all abilities and ages - and that is great news for the sport.'



Unique lifting rudder

Easy to lift rudder keeps the blade in perfect condition.

Centreboard

'A shock absorber on a sailboat.'
Another example of the attention to detail on Laser Pico. At the back of the centreboard case is a shock absorber to protect the hull and the centreboard should you run aground.

Reducing Sail

'It's easy on the Laser Pico, the unique Laser reef® system can be operated when afloat.' The mainsail simply furls around the mast - simple as that! There are no knots to tie!

Racing with Laser Pico

Laser Pico racing is enjoyed at Club level, and at annual UK national events (with over forty boats on the start line). Ask the Laser team for further details.

What else do I need?

Laser Pico is supplied complete and ready to sail - if you wish to enjoy top specification simply add the sport pack.



“Rigging and launching does not come much simpler. Motion through the waves is excellent. Tacking is a joy... both at rest and in motion, basic form stability is excellent... simple systems and a superb layout make her a pleasure to helm or crew.”

YACHTS & YACHTING



Laser 2000

Length	4.44m
Beam	1.85m
Hull Weight	100kg
Mainsail Area	8.75m ²
Jib Area	3.03m ²
Gennaker Area	9.86m ²



Combi-Tec Mainsail
with Laser reefing system

High Boom

Furling Jib

Gennaker Chute

Centreboard
easy to raise and lower

Body contour side deck
for comfortable sailing

Self Draining Cockpit

Maxaerofoil Rudder
For easy handling and control

Here is a sailboat born for club racing with a dynamic yet forgiving hull shape, an easily controlled combi-tec mainsail and rig that is ideal for less experienced sailors for whom the Laser 2000 has years of built-in progression included.

The deep cockpit provides a real sit-in feel... and inspires confidence

The Laser 2000 provides lots of leg room and a deep cockpit, which is reassuring for newcomers. So many of the other new designs give a sit on ride. Exciting yes, but for family sailing

it can be all too precarious. The Laser 2000 makes you feel secure.

The dynamic hull is powerful yet provides great stability... and a dry ride

The moment you step aboard you will be reassured by the stability... Turn the power on and you will appreciate the dynamics. Laser 2000 is both easily driven and quick.

Going fast means lots of spray. But on the Laser 2000 (unlike lots of other modern designs) it's deflected away from the crew.

LASER 2000



The top performance family boat, **Laser 2000** offers the excitement of gennaker sailing to those who, until now, had felt it was the exclusive domain of the very top sailors.

Two forward stowage compartments

Deep Cockpit
means in and not on!

Hull Topsides
deflect spray away from crew for a drier ride



LASER 2000

'I selected Laser 2000 for club racing. No other boat offered the combination of performance and excitement that enables me to sail with a wide range of abilities and family members. The performance is impressive... I've got some prizes to prove it!'

TOM HUTCHINSON

Direct, precise handling... and great control

Laser 2000 was designed by Phil Morrison and developed by the Laser Team, so has the same pedigree as the Laser 4000 and shares their impeccable handling characteristics. The feedback from the steering system is both light and precise. The maxaerofoil

rudder keeps the Laser 2000 firmly on track in conditions where other boats are struggling to hold on. The power source is a modern and easily handled rig. A combi-tec Mylar mainsail incorporates a full length top batten and shorter battens further down the sail. Latest sail materials benefit from full length batten control but a fully battened sail is hard to de-power and presents problems ashore (can easily blow a boat off its trolley). The Laser combi-tec system offers the best of both worlds and can

even be reefed when the conditions require. A standard specification furling jib means Laser 2000 can be transformed into a single-hander in under ten seconds. It takes little more to simultaneously launch and recover the gennaker and gennaker pole with a single line hoist and drop system. Sail and rig controls are perfectly positioned and easy to adjust. The loads on the gennaker, so often an issue on modern boats, can easily be managed by lightweight or young sailors in heavy winds.

JEAN-MARIE LIOT



“The new designs have certainly attracted many newcomers to sailing, but most are simply too extreme for them. Laser 2000 is definitely the real thing and can be enjoyed by anyone who has completed a week’s sailing course. What is more, it is also a popular choice with our instructors and that’s a unique combination.”

PORTSMOUTH OUTDOOR CENTRE

JEAN-MARIE LIOT



Laser 2000 Club Racing

When you collect your Laser 2000 it is ready to race and raring to go. Club racing and Laser 2000 are a great combination. There is a massive choice of sailing clubs where you can both race and keep your boat (contact the Laser Team for details) and you will be impressed by the performance - in all conditions.

Like all Laser sailboats, the Laser 2000 has strict one design rules which prevent go fast extras and means the winners are the best sailors - not necessarily those with the biggest bank balance!

Weekends and holidays with Laser 2000

When you invest in a Laser you enter a unique world (there are owners in more than 120 countries worldwide).

You can enjoy Laser 2000 events and take your boat to regattas both at home and abroad. Why not combine a family holiday with a family race week. There are lots to choose from at some exceptional venues. They provide a unique holiday cocktail, mixing race action, après sail and time for some relaxed sailing away from the race track. For details of Laser 2000 events and family sailing weeks, contact the Laser Team, the Class Association or visit www.laser2000.lasersailing.com

Laser 2000...

Unique versatility

The ride is smooth, the sailing position is perfect and the confidence factor high, thanks to a real 'sit in' feel. It's a chameleon character that has different moods to suit the occasion. Its handling and performance will impress the enthusiast and tempt them into the race track, yet it has the temperament and versatility to allow you to take it easy: you can load up with family and equipment for a day out, newcomers and youngsters can be taught aboard really easily and you can even have different engines for

different days thanks to the unique reefing system and furling jib!

You can sail in comfort...

The huge self-draining cockpit is ergonomically designed to provide great driving and crewing positions whatever the conditions, whether you are on the side deck or the rail. A high boom adds to the pleasure of Laser 2000.

Ownership:

The attention to detail continues...

For towing, launching and recovery, maintenance and getting ready for action, turn to page 37.





Self draining cockpit
keeps the area dry when sailing or left on a mooring

Leave unattended on a mooring



Laser
Stratos

Length 4.94m
Beam 2.00m
Hull weight 190kg
Mainsail 11.11m²
Jib 3.42m²
Gennaker 12.54m²



A machine that relishes being put through its paces yet is equally perfect for family demands with enough space for a clutch of children and consumables. From fast passages with just the two of you to a leisurely holiday meander with family and friends, it delivers versatility without even a hint of compromise.

Ownership
The attention to detail continues...

For towing, launching and recovery, maintenance and getting ready for action, turn to page 33.

Trapeze Option

Laser Stratos provides a perfect platform for trapezing



Plenty of room aboard
for the whole family



Unique Sail-safe system

allows water into a stand-alone side tank area in the event of a capsize. Ensures that Laser Stratos floats at just the right level to enable getting onto the centreboard. Drains rapidly once righted

Furling Jib
can be furled in less than 10 seconds

Single line gennaker hoist and gennaker pole launch
system developed for Grand Prix racing Lasers

High freeboard and flared gunwales
keep life on board extremely dry

Hand-built Hull is robust; virtually maintenance free yet weighs just 190kg making launch and recovery so easy

Maxaerofoil Rudder
provides light and precise steering, direct instant feedback to helm

LASER STRATOS

PY
1095



Making sailing easier, more exciting and more appealing. Compare **Laser Stratos** to a latest generation quality sports family estate car: rewarding and reassuring handling, powerful and fun to drive...

12.54m² Gennaker
easily operated, a real bonus for day sailor performance

Combi-tec mainsail with unique Laser reef system
Latest Mylar materials with full-length top batten for perfect sail shape. Quickly reduce sail area while afloat

Easy access via lowered foredeck
makes mooring and coming ashore easier - inspires confidence in beginners coming aboard

Deep Cockpit
Lots of leg room, comfortable sailing position

Mainsheet Hoop
ensures that the mainsheet is kept high and out of the way of crew. Also provides useful secure handhold for moving around cockpit area

Buoyant Mast

Elliptical centre console seat

Optional outboard engine bracket

Underwater skegline
provides added directional stability

Hard Chine
creates an inherently stable hull

As the keel is so simple to raise and lower you can still creep into those shallow water corners when exploring, leaving other keelboats outside!

You can also launch and recover easily. With the keel raised the draft is just 30cm.



Laser
Stratos
KEEL

Length	4.94m
Beam	2.00m
Hull weight	190kg
Lifting keel	100kg
Mainsail	11.11m ²
Jib	3.42m ²
Gennaker	12.54m ²



On board there is a comfortable cockpit with acres of space. The Laser Stratos KEEL has been designed for comfort. Controls are all to hand making the sailing easy, whilst the hull shape delivers a smooth dry ride. The specification is comprehensive. Features include all the standard items you would expect to find on the extras list of many other boats.

A furling jib means that with one controlled movement the sail just furls away, which is perfect for returning to the marina or approaching a mooring. The mainsail can be easily reefed within minutes, whilst sailing. For downwind sailing a gennaker is both easy and fun to use and enhances the boats performance.

Easily handled performance is just what you need for day sailing. The ability to have enough sail power to bring you home when the wind goes light and against the tide, and the confidence that you will feel comfortable in a building breeze. Both are delivered on the Laser Stratos KEEL. But it is the way the performance is delivered that makes sailing her so enjoyable. The ergonomic design makes steering light and handling precise. The control lines are perfectly placed allowing for a comfortable seating position. You will be surprised how quickly and effortlessly you go.



MIKE AUSTEN

“Sometimes we leave her on a mooring.... Until we want to try somewhere else. Launching is easier than we’d ever have believed - even in the shallowest of water...”

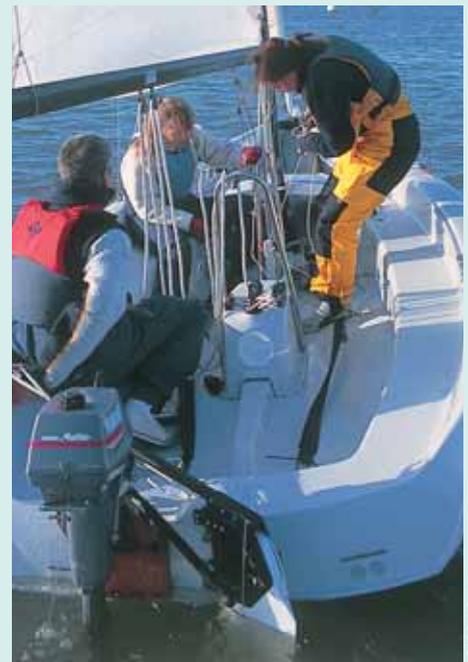


MIKE AUSTEN

...Then it’s lunch and drinks into those big storage bags...



MIKE AUSTEN



MIKE AUSTEN

...Lower the keel. That takes seconds.... And away!”

STRATOS KEEL

PY
1100



Laser Stratos KEEL inspires confidence. With a 100kg lifting keel there is so much reassuring stability, whether you are stepping onto the boat when it is dockside, on a mooring, or when you are sailing.



“Rock in Cornwall, Salcombe in Devon, Abersoch in Wales, Brancaster in Norfolk. On the South Coast it’s Bosham...”

Everyone has their favourite place. Laser Stratos KEEL is designed to be the perfect partner in places like these.

Keelboat stability, lots of space for family and friends and incorporating so many of the innovations of recent years that have made sailing so much easier and enjoyable.

Laser Stratos KEEL is handmade and beautifully built. Rigging takes just minutes. Launch and recovery is easy and virtually no maintenance is required. When you select a Laser Stratos KEEL you have the after sales support around the world... from Laser.

MIKE AUSTEN

THE CONCEPT

For decades, one design sailboats have provided close racing. Yet no matter how uniform the design of boat, crew weight and height has always been an important part of the winning formula.

In light winds, sailors with slighter physique have less dead weight to

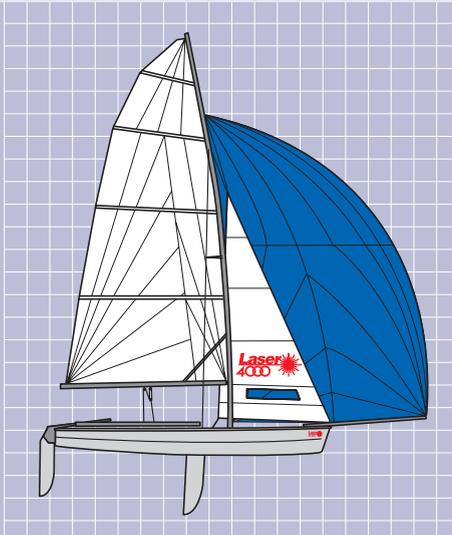
carry so they have an advantage.

In heavy winds, big people have the weight and leverage to handle the power. No surprises then, to see results reflecting this.

Laser CREW POWER EQUALISATION is a unique method of solving this irregularity in one design racing.

A system of adjustable racks and correctors removes crew physique from the winning formula.

It's an award winning system that has been proven internationally in the Laser race programme. It has raised the game in one design racing. AND IT IS UNIQUE TO LASER.



Length 4.64m
 Beam 1.50 - 2.30m
 Hull Weight 80kg
 Sail Areas:
 Mainsail 10.80m²
 Jib 3.90m²
 Gennaker 17.10m²



THE BOAT: LASER 4000

Designed by Phil Morrison to provide high performance asymmetric sailing to strict one design rules. Developed to compete in a new format of sailboat racing. AND UNIQUE TO LASER.

**THE EVENTS:
 Grand Prix Racing in
 the UK and Europe**

A new concept of racing demanded a new concept of event. The race track is short. So are the races. Usually back to back. Three in a day is normal. The closest sailboat racing you will find. Great venues. Huge après sail. The Laser race programme is the Premier League of sailing. AND UNIQUE TO LASER.

Getting ready for fair play

At all Laser 4000 events, the crew power equalisation equipment (CPE) is on hand. Helm and crew are weighed. Leverage readings are taken. Total weight and leverage results then establish which rack setting and what correction weights must be used. Getting ready for fair play takes just minutes. To avoid temptation, random checks are carried out at all regattas.

•Ask the sales team for a fuller explanation of CPE for Laser 4000.

CREW POWER EQUALISATION

To see how you would sail your Laser 4000, read off the weights of helm and crew. This will give you:

1. your rack setting
2. how many weight correctors to carry

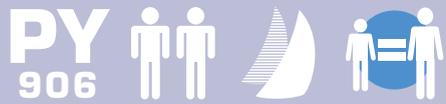
Example:

Helm weight 77kg
 Crew weight 66kg
 would sail on rack position 7
 carrying 3 weight correctors.

Crew weight (in sailing gear) kg

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94
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LASER 4000



Reason for living: the best and closest single trapeze crew equalised racing. A sailboat born for today's racetrack, designed and developed to produce the closest, most exciting grand prix racing.



LASER 4000



“the best, closest gennaker racing on offer”

“a boat that has been developed by experts to be appreciated by everyone”



Choose your après sail from chilled to hardcore...



“The circuit provides great sailing during the day, and great fun at night. Racing on both the Eurocup and UK Series has just the right ingredients”

WILL GATEHOUSE

“We bought a Laser 4000 for the closest crew equalised sailing - the social scene is also a real bonus”

PETE & LISA NICHOLAS

“If there are better weekends than the UK Series, I'd like to know”

ROB ANDREWS

On Laser 4000 there are no prizes for expensive go fast extras. Class rules ban them. No rewards for being the lightest crew in a drifter or the biggest team in a blow. Unique crew power equalisation sees to that.

- Every Laser 4000 is identical. Latest hull shape, new generation rig and asymmetric gennaker take Laser 4000 into the highest level of performance sailing. Yet so sophisticated is the design that high speed racing can be enjoyed with sublime control.
 - Steering is light, perfectly balanced and precise.
 - The self draining open plan deck provides acres of space and the Gnav system means massive working area for the crew.
 - All systems are perfectly placed and easy to operate.
 - The gennaker and pole are launched and recovered using a single line. The vital sail controls lead back to the helm. Sheet loads are easily managed by lightweight crews.
- The sum of Laser 4000's qualities add up to a racing boat that has raised the game.

“the definitive single trapeze sailboat”

Rigged, ready to race and ready to win!

After buying your Laser 4000, you will be overwhelmed by a friendly and active support network of like-minded sailing nuts, giving you every opportunity to enjoy the Laser lifestyle, at the pace you choose. On the water you'll find exceptional competition to set your pulse racing... and an exceptional social scene to relax you afterwards - European and UK Grand Prix circuits regularly see over two hundred and fifty competitors and their families taking part.

The active and friendly Class Association adds even more to the pleasure of owning a Laser 4000 with coaching, news, socials and entry into major events.





LASER SB3



Watertight access hatch
storage for outboard motor, bracket and other essentials



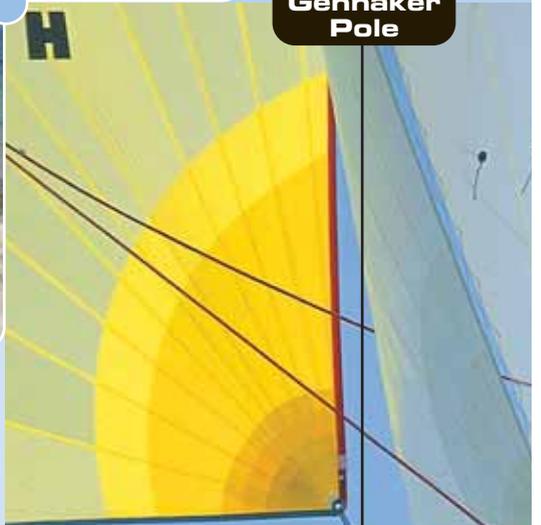
Custom made outboard bracket
fitted in seconds

Single point keel lift



Removable keel post

Carbon Gennaker Pole



Tacktick Sailmaster optional

Spinlock cleating system
Easy lock and release under load

Harken hardware from the Carbo Block and Hexaratchet range

Sit-in Bars
Promote on-board communication and level the playing field

High freeboard and flared gunwales
keep life onboard extremely dry

One-piece **Rudder**
balanced epoxy and carbon foil



Laser SB³

LOA 6.15m
LWL 5.50m
Beam 2.15m
Draft 1.50m
Displacement (ex crew) 625kg
Sail Area:
Main 18.0m²
Jib 9.3m²
Gennaker 46.0m²



Launching and recovery
simplicity itself with the custom trailer



Our Checklist:

- Open Sportsboat to be sailed by a crew of three ✓
- Tow behind a 'normal' car ✓
- Lifting keel ✓
- Keelboat 'stiffness', dinghy performance ✓
- Dry and comfortable to sail (no hiking) ✓
- Big rig, low sheet loads ✓
- One-piece balanced rudder ✓
- Good visibility ✓
- Gnav (gives perfect control and allows acres of space) ✓
- Adjustable rig (fixed forestay) ✓
- Simple fit-out of high quality ✓
- Must look great! ✓



LASER SB³



A fast and exhilarating three man sportsboat with a modern powerful rig. **Laser SB³** offers enthusiastic one-design and sportsboat racing in comfort.

Gnav System
Creates additional space for crew manoeuvres

Mainsail
Hi-tech x-ply Mylar

Gennaker bag
with pockets for day sailing extras

Covered keelbox
provides a clean uncluttered cockpit

Adjustable Backstay

Self-draining cockpit

Cockpit foot rails



LASER SB³



“When it comes to creating close, one design, large fleet racing, I think Laser”

IAN WALKER
Skipper, GBR Challenge



“Upwind the racing is incredibly close and is comparable with keelboat sailing; as soon as you turn downwind you turn on the fun and excitement of dinghy sailing”

ROB ANDREWS

Close competition is guaranteed by one-design class rules for hull, rig and sails, banning expensive extras. Together with the no-hiking rule, a monitoring system at events to uphold the crew weight limit of 270kg ensures a truly level playing field.

“Laser has a reputation for being the best at creating awesome one-design race circuits, taking in quality venues and including the now legendary après sail”

CHRIS BLACKBURN
Laser SB3 Product Manager

Drawing on Laser's extensive experience in one-design sailboats and race circuits, the future of SB³ racing is a rich collection of the best events at top venues in the UK and Europe.

“It is such a relief to sail a keelboat where one can be entirely independent of marinas, lifts and four-wheel-drive vehicles! The whole launching process is a straightforward two-man job”

MARK RUSHALL
Yachts & Yachting boat test

On its custom built trailer, the Laser SB³ can be towed comfortably behind a normal family car and is easy to manhandle around the boat park. The mast is raised without the need for special equipment and it is not necessary to enlist the help of the local rugby team for launching.



“SB³ racing has proved to be everything I hoped for and more. One design is the only way to go for really good racing now, and the SB³ gives close tactical upwind sailing with lively performance offwind, and the boat is hassle free for moving around. The fleet is friendly but competitive, and we have been to some great venues. With a fast growing fleet, it's only going to get better!”

JERRY HILL
Laser SB³ National Champion 2003



Winning won't depend on the fitness of the crew!

Thanks to the low aspect keel and a very high ballast ratio the Laser SB³ is an extremely stable and stiff sportsboat. With the implementation of a 'no hiking rule', race results rely on skills and tactics and not on the fitness of the crew. In fact the sit in bars effectively prevent hiking and promote on-board communication between crew members. Laser SB³ delivers racing in comfort without the athletics.

Technical Details:

Design Tony Castro, with his proven success in sportsboat design as well as achievements in other keelboat classes worldwide, was chosen by Laser for the SB³. It was clear from the outset that he shared Laser's vision and passion for the project and the result is a boat that Laser and Tony Castro can be truly proud of.

Hull Foam sandwich FRP construction, built to the legendary Olympic Laser build quality. Robust, virtually maintenance free and backed by a comprehensive three-year hull warranty.

Sails Mainsail and jib are manufactured by Hyde from X-Ply Mylar. Both sails are a full radial cut, with stitched seams, providing durability and strength. The mainsail has one full length and three

short battens. Large windows in the jib and mainsail offer a wide field of view.

Spars

MAST: Deck stepped Proctor Selden silver anodised 4028 alloy section double spreader mast, with custom side taper. Harken hardware, Spinlock PX jib power cleat.

BOOM: Proctor Selden silver anodised super stiff alloy boom section.

POLE: Retractable tapered 81/52 filament wound carbon tube.

Hardware Fit-out exclusively by Harken, chosen for strength and durability. Spinlock cleating system offers easy lock and release under load.

Foils One-piece, balanced rudder. Reinforced with carbon, the rudder is manufactured out of epoxy with an epoxy foam core.

Low Aspect Keel Stainless steel main member with an epoxy foam core and polyester skin. Incorporating a lead bulb of 330 kg at the base.





“Off the same beach you see beginners enjoying sailing for the first time and old timers amazed at just how much fun you can have on a Funboat”

YVES BELIARD Watersports
Co-ordinator, UCPA International



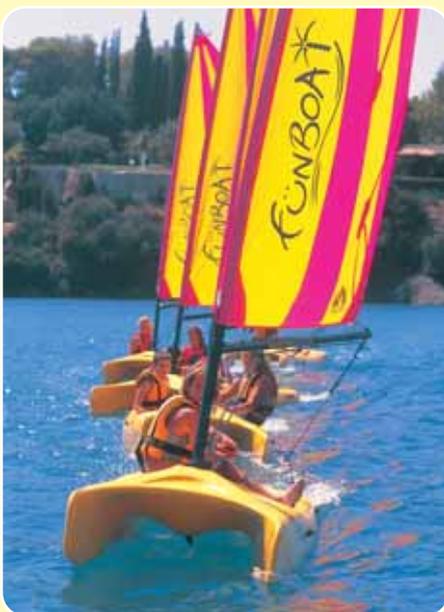
FUNBOAT

Length 3.90m
Beam 1.25m
Sail area 4.80m²
Hull weight 70kg
Capacity 2 persons
/175kg



Have you ever sat on a beach, looking longingly at a blue water playground and wishing you were out there?

Now sailing is for everyone... Get ready... it'll take just minutes. Slide the sail along the mast, pop the mast into the boat, the rudder on the back, then you're off. Enjoying every minute... looking back at the beach, at people wishing they were out there with you.



Just who can sail Funboat?

If you can ride a bike, you can do it. Age is immaterial. Just like a bike you steer and go... except on Funboat the wind does the work for you.

How do you get Funboat in the water?

Simple! A lightweight custom trailer that's easy to manoeuvre. Oh, and even the smallest car.

So we arrive at the beach. How long does it really take to get going?

Give yourselves ten minutes. It really is incredibly easy.

What sort of looking after does Funboat need?

Well, you can sail Funboat up the beach and not have to worry. She is built to take the knocks year in, year out. As for maintenance, five minutes with a jet wash from time to time will do the job.

Do I need to store Funboat inside?

No. You can even leave her outside all year round.

You accelerate with this



You steer with this

My favourite Funboat features...

by Matt Blakestone of Neilson, who is responsible for the 250-strong Neilson fleet.

The shape

Funboat's shape means there's lots of stability wherever you sit. Far more than on traditional sailboats. It also means that Funboat slices through the water. There's stacks of room inside.

The headroom

The boom is very, very high, which means lots of room underneath and no need to bump your head.

The shape underneath

Most small boats have a centreboard that needs to be lowered when going afloat - and raised when coming back. Funboat's unique shape means there's no need for a centreboard. So no hassle leaving or returning to the beach.

FUNBOAT



Now sailing is for everyone...

Everyone who wants to enjoy playing on water. Funboat is so easy. If you can ride a bike, then you can sail a Funboat.

NEILSON





Towing

Laser boats each have a custom made trailer, which can be easily towed behind a car (refer to your car's handbook to identify the gross trailing weight).

Launching and Recovery

It's easy. All Lasers have specially designed lightweight launching trolleys, most of which combine with their respective trailers. These are well balanced which means easy launching and landing.

Maintenance

All Lasers are very simple to look after. Whether the boat is fibreglass or Tecrothene 109 they are robust, great looking and, other than a rinse with fresh water and a squirt of WD40 on the moving parts, they require little maintenance. Hulls are difficult to damage in day-to-day use, however if you do have a knock they are easily repaired; step-by-step guides (for GRP boats) can be found on www.lasersailing.com

The ONLY full service manufacturer of sailing dinghies and catamarans.

Laser Sales Team

Laser offers a unique sales and after sales service, which is second to none.

From the moment you call a member of the specialist sales team, or visit The Laser Centre showroom, you will be looked after. The experts can provide advice on which boat will best suit your requirements, and answer all your questions relating to the purchase of a new or used boat.

The Laser Team can also recommend and supply the correct spares and accessories and even provide all the clothing you will require to make your sailing experience complete.

Contact our specialist sales team at info@lasersailing.com or telephone 01327 841600.

Laser Direct

Laser Direct is a dedicated team based at The Laser Centre who can give advice on, and supply, all the spares and accessories you will require for your boat. Whether these are new pieces of kit, or replacement parts, the team will be able to answer your questions and recommend the right products.

Laser Direct stock a wide range of quality wet and dry suits, buoyancy aids and clothing to make your experience on the water as comfortable as possible.

Remember; once you have ordered your boat, you can choose all the accompanying items from Laser Direct and collect them in one go when you take delivery of your boat – a one-stop shop to save you time and effort! What could be better?

If you prefer to shop online, Laser Direct has a secure e-commerce site, with part identification, photographs, and promotions – simply log onto www.lasersailing.com

Customer Services

Laser also has a dedicated Customer Service Desk. Simply email your query to customerservice@lasersailing.com or telephone 01327 841608 – we will be pleased to help.



Club Laser

More than 16,000 people now enjoy the benefits of Club Laser membership. Launched in 2001, the aim is to provide members with a regular newsletter, containing features by leading sailors and industry specialists, competitions, discounts schemes with partnership organisations and much more.

With the increase in traffic via the worldwide web and the development of **www.lasersailing.com** much of the activity for Club Laser members is driven through the website. This allows Laser to get information to its members in a time efficient manner.

It is Laser's intention to continue to provide an on-line Club for Laser sailors and/or owners and to widen the scope of information, activities, events, seminars, and hints & tips.

(For information: Performance Sailcraft Europe Ltd will not sell, rent, or lease your personally identifiable information to others. A full copy of our Privacy Policy can be found at www.lasersailing.com)

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sales@oceanimages.co.uk



Corporate Sales

Laser has a dedicated team to ensure that corporate fleet customers enjoy a first class service and a unique range of privileges.

The Corporate Sales team can tailor packages to meet your requirements – whether boats are for a sailing club or holiday company.

Services include customising sails and hulls with corporate liveries, staff product training to ensure everyone can get the best out of the boats (usually undertaken at one of the Laser Sailing Centres).

In addition, the Corporate Sales Team can arrange delivery of fleet boats direct to your door – anywhere in the world.

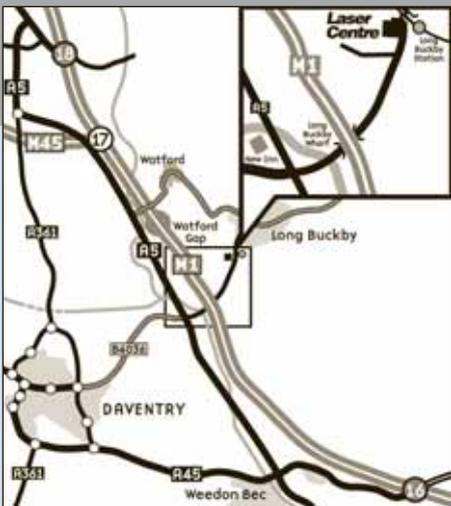
For further information on corporate sales or for a fleet quotation, email corporate.sales@lasersailing.com or telephone 01327 841621/622.

Learn with Laser

A large number of sailing schools and clubs throughout the UK have fleets of Lasers available for test sails, beginners' courses and advanced training for family sailing to racing.

Members of the Laser Sales Team will be happy to recommend the sailing school or club nearest to you (or visit **www.lasersailing.com**) so that you can take advantage of the local facilities available.





The world's favourite sailboat company

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 Station Works
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 NN6 7PF
 Phone 01327 841600
 Email info@lasersailing.com
www.lasersailing.com



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2ND EDITION