

LASER 4000

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

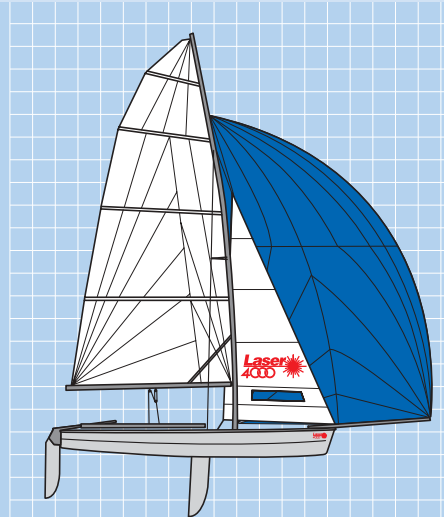
carry so they have an advantage.

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

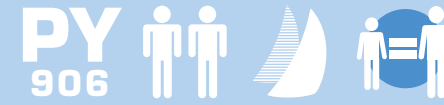
Laser CREW POWER EQUALISATION is a unique method of solving this irregularity in one design racing.

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



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.

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
59	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	6	6	6	5	5	5	4	4	4	4	3	3	3	2	2	2	2	2	
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Helm weight (in sailing gear) kg





“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.

