

TRIKA 540

by METZ BOATS



THE DESIGN

The TRIKA 540 is a versatile super-fun boat for one or two. It was designed from the ground up for efficiency, speed and easy handling. It is not a retrofitted kayak but specifically created for excellent performance both under sail and while paddling.

In its basic form it is a stable and very fast two person kayak, small enough to be paddled by one person yet long enough to take two on a camping trip.

Attach the aka crossbeams, the retractable amas (floats), step the sailing rig and you have a stable and fast sailing craft. Powered by a full-battened main sail and a roller furling jib the sailing performance is amazing.

When the bigger wind begins to blow just mount the additional hiking-seat-crossbeam, fit the two basic seats into the crossbeam, connect the hand tiller to the rudder and off we go! All that can be done while your are on the water within two minutes and of course without any tools.

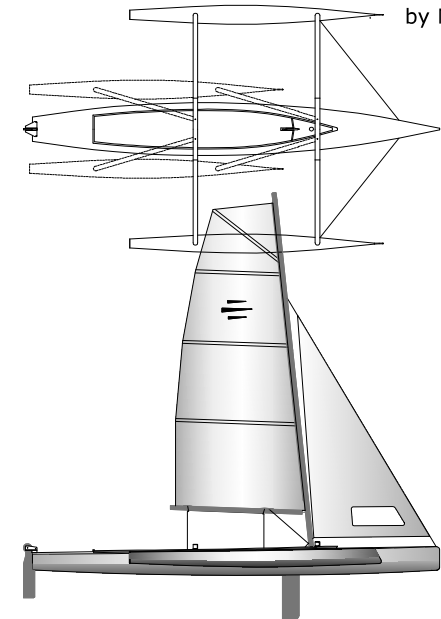
The amas can be easily folded parallel against the hull to simplify negotiating tight spots or docking.

And last but not least, to make car-topping or storage much easier, both amas can be stored in the main hull.



FEATURES

- Fast and stable Kayak for one or two
- Assembled within 25 minutes to a sailing trimaran, no tools needed
- Waterline length as long as hull length
- Main hull bow with narrow V-shape
- Amas (floats) with wave piercing bows
- Amas canted 5° inboard to proper position while the boat heeled over under sail
- Easily retractable/removable amas
- Amas can be stowed in main hull for easier transport or storage
- Truly car-toppable, no trailer needed
- Unstayed, two-piece aluminum or carbon-fiber mast
- Efficient full-battened main sail with one or two reef points
- Roller furling jib
- Excellent foot-steering with retractable foil rudder
- NACA-foil daggerboard for best performance on a close reach
- With optional hiking-seat-crossbeam, the two basic seats and hand tiller easily assembled to a small racer for sporty sailing
- Well-thought-out deck layout for single-handed sailing
- Large, open cockpit allows easy ingress and exit
- Neat but effective coaming to deflect water, can also be used with a sprayskirt
- More than 160 liters storage room forward and behind cockpit opening
- Easy stitch-and-glue design
- Can be built from plans or CNC-Kit
- Complete CNC-Kit and Mini-CNC-Kit available, containing all plywood components less than one meter long.
- Full size patterns for all plywood components (except hull and deck skin) as pdf



SPECS

Main Hull Length	5.40 m
Main Hull Beam	0.70 m
Draft	0.12/0.70 m
Displacement to DWL	205 liter
Immersion rate	23 kg/cm

Ama (Outrigger) Length	3.34 m
Beam Amas folded out	3.28 m
Beam Amas folded in	1.30 m
Ama buoyancy (each)	85 liter

Main Sail	5.5 sqm
Jib	2.3 sqm
Mast Height	5.1 m

Main Hull Weight	32 kg
Sailing Weight	70 kg

PRICING

excl. VAT (only outside EU)

Study Plans (pdf)	20,- EUR
Building Plans (english)	100,- EUR
Kit-Supplier Germany	www.metzboats.de
Kit-Supplier UK	www.fyneboatkits.co.uk

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