

TRIKA 540.2

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 fully-battened main sail and a roller furling jib the sailing performance is impressive.

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

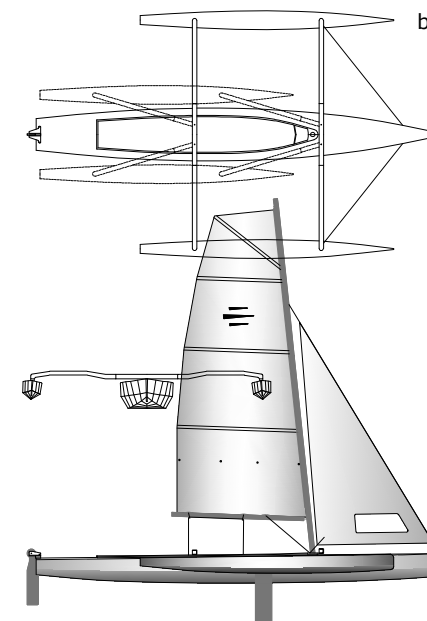
The amas can be easily folded parallel against the hull to simplify negotiating tight spots or docking.

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) optional 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 fully-battened main sail with one or two reef points
- Roller furling jib
- Excellent foot-steering with retractable foil rudder
- NACA-foil leeboard for best performance on a close reach
- With optional hiking-seat 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 optional dodger or sprayskirt
- More than 180 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 Short-CNC-Kit available, containing all plywood components less than one meter long.
- Full size patterns for most small plywood components in plan package included



SPECS

Main Hull Length	5.40 m	[17'-9"]
Main Hull Beam	0.70 m	[27.6"]
Draft	0.13/0.70 m	[5"/27.5"]
Displacement to DWL	235 liter	[518 lbs]
Ama (Outrigger) Length	3.36 m	[11']
Beam Amas folded out	3.28 m	[10'-9"]
Beam Amas folded in	1.30 m	[4'-3"]
Ama buoyancy (each)	100 liter	[220 lbs]
Main Sail	5.5 m ²	[59 ft ²]
Jib	2.3 m ²	[25 ft ²]
Mast Height	5.10 m	[16'-9"]
Mast Height over DWL	5.00 m	[16'-5"]
Main Hull Weight	32 kg	[70 lbs]
Sailing Weight	70 kg	[154 lbs]

PLANS AND KITS

Plans (English)	www.metzboats.de
Kit-Supplier Germany / Europe	www.metzboats.de
Kit-Supplier UK / Europe	www.fyneboatkits.co.uk
Kit-Supplier USA	www.clcboats.com
Kit-Supplier South Africa	www.ckdboats.com

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