



PAUGER

CARBON MAST

SOLUTIONS

Wallet efficient solutions for high performance, complete carbon spar packages for mono hulls and catamarans for any yacht type in the 25-65 footer range.

RC 44 FLEET built by Pauger



MAST TOP

All Pauger carbon yachts spars are fitted with carbon mast tops. These incorporate sheaves for main halyards and masthead spinnakers if required. They are removable for maintenance.

THE TOP OF THE MAST CRANE

is a reinforced flat carbon plate on which it is easy to drill holes and mount instrument brackets or navigation light.

MAINSAIL HALYARD

with dead-end access for 2:1 purchase.





HOUND

HALYARD FAIRLEAD

The halyard fairlead prevents the spinnaker halyard from abrading the mast.

OPTIONAL LOCK

For the perfect fit, we install internal or external lock if desired.

CAP TANG

Stainless steel cap tang can accommodate wire, rod and composite rigging.

HOUND

FORESTAY FITTING

Made from high-strength steel alloy
Structurally optimized with Finite Element Analysis (FEM).

Can accommodate wire, rod and composite rigging.

BLOCK

Antal halyard block ensures low friction, while protecting the halyard from wear and tear.

LOOP ATTACHEMENT

Optional dead-end access for Code 0 halyard.

A close-up photograph of a bicycle frame, focusing on the junction where the seat tube, down tube, and chainstay meet. The frame is dark, likely black, with a glossy finish. A silver-colored aluminium spreader bar is visible, running diagonally across the frame. Carbon spreaders, which are airfoil-shaped and tapered, are attached to the frame. The background is a plain, light-colored surface.

CARBON SPREADERS AS STANDARDS

The airfoil-shaped, tapered carbon spreaders save weight and reduce windage, while the aluminium spreader bar, which has integral stembal seats for diagonals, provides solid support for the spreaders.

SPREADERS

Low-windage carbon
spreader end fitting with
stainless steel tipcup.

Note that there is no
penalty under IRC for
carbon spreaders.




BOOM

Our booms and vangs can be purchased separately, which can be customized to fit any mast type.

Pauger carbon booms save 40% of the weight compared to aluminium.

PAUGER

A close-up photograph of a sailboat's boom and mast. The boom is a dark, polished carbon fiber tube. It is attached to the mast via a complex metal fitting with multiple screws. A white strap is wrapped around the mast. A stainless steel wire runs diagonally across the frame. The background is a plain, light-colored wall.

As standard, all Pauger booms are prepared for single line reefing.

PAUGER
carbon composites

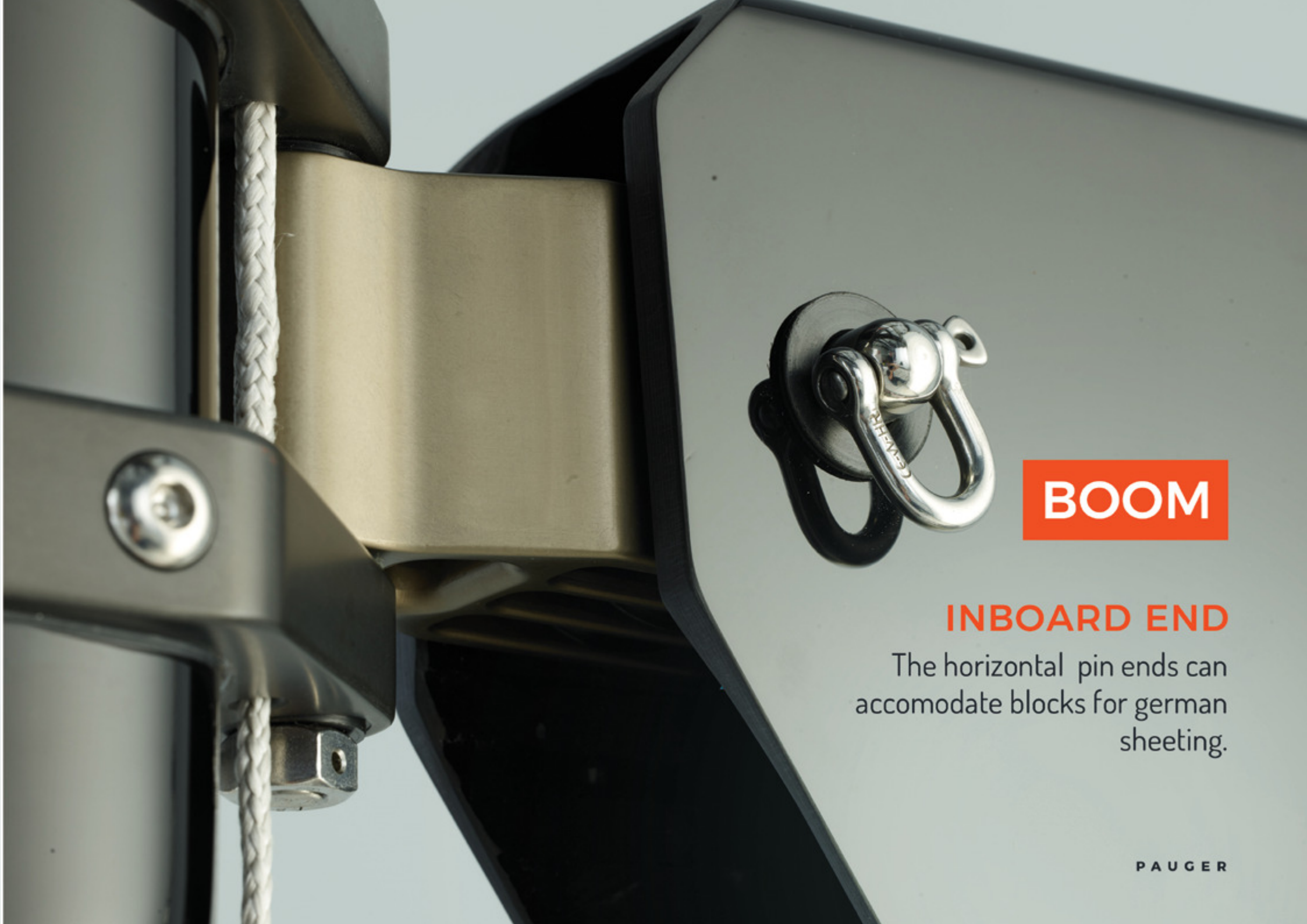
PAUGER



BOOM

TOP

Optional double or single carbon groove for lazy bag.



BOOM

INBOARD END

The horizontal pin ends can accommodate blocks for german sheeting.

PAUGER

A close-up photograph of a boat's outboard end, focusing on a sheavebox. The sheavebox is a dark, rectangular metal frame containing three large, dark, curved pulleys. The pulleys are arranged in a row, and a rope is visible running through them. The background is a dark, metallic surface, likely the boat's hull or transom. The lighting is dramatic, highlighting the curves of the pulleys and the texture of the metal.

OUTBOARD END

To withstand rope abrasion
the boom outboard end
accommodates an alu-
minium sheavebox.

A close-up photograph of a boat's boom and vang fitting. The boom is a dark, polished metal bar. The vang fitting is a stainless steel bracket with a silver-colored pin. A black, textured vang plate is attached to the fitting. A small, silver-colored key is visible on the vang plate. The background is a light blue sky.

BOOM

VANG FITTING

Stainless steel vang fitting is compatible with most types of rigid vangs.

PAUGER



EXIT PLATE

Stainless steel exit plate reduces abrasion of halyards and control lines as they exit the mast.

MAST BASE

Mast heel plugs, made of lightweight aluminium have insulation to prevent corrosion.

Optional internal or external hydraulic mast jack systems are available.

In smaller masts, a specific hinged mast base allows mast stepping without the need for a crane.

FINISH

The outer surface can be painted glossy or a matt finish in the color of your choice or with a clear coat to display the carbon fibers, which are all resistant to UV radiation.





PAUGER

Cover photo: NEO 350
Photos: Szalontai Ábel, Pedro Martinez/RC 44 class

CARBON MAST

SOLUTIONS

Visit our website
www.paugercarbon.com

or contact us by email:
info@paugercarbon.com

YOUR PARTNER CONTACT: