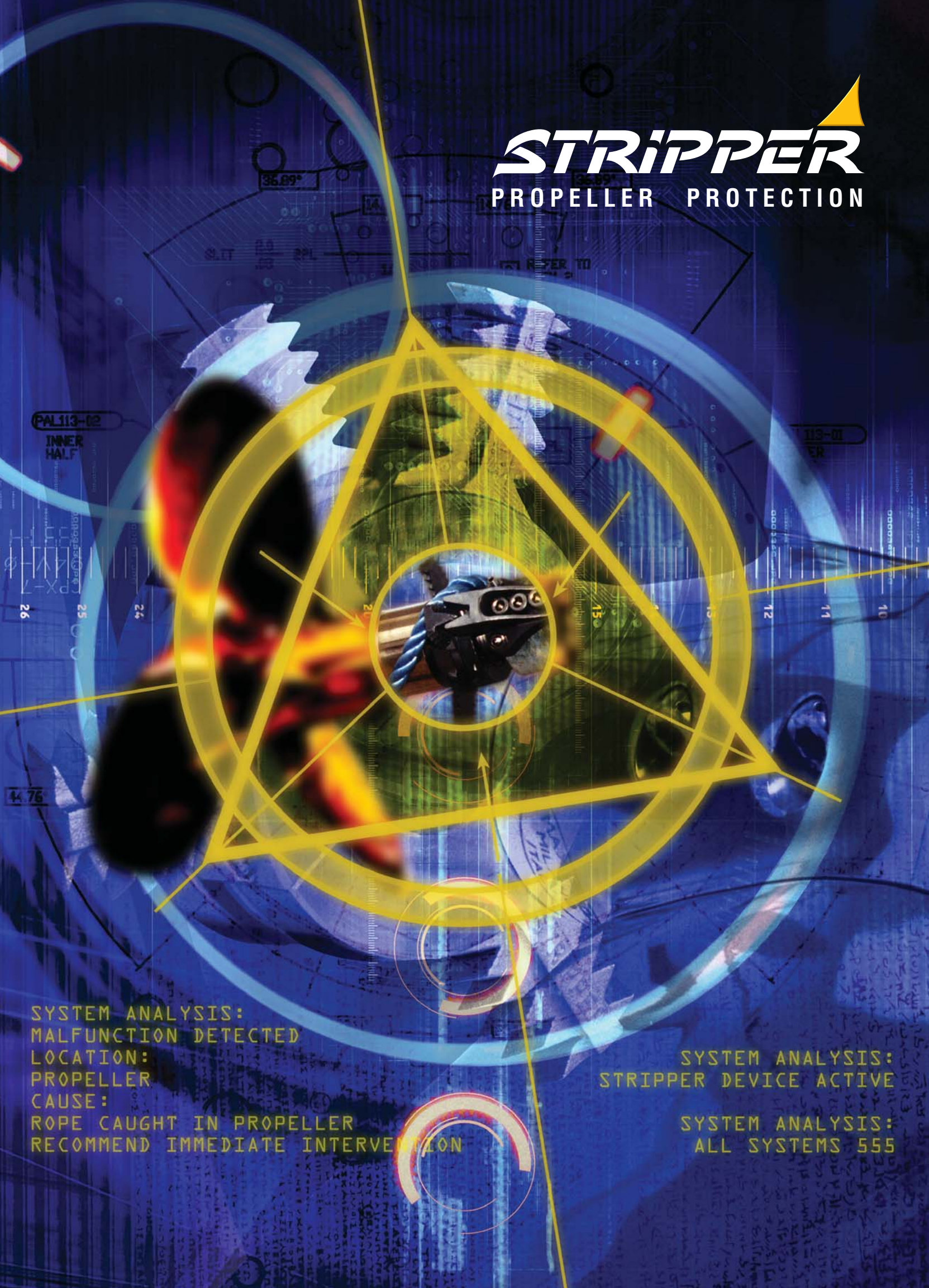


STRIPPER

PROPELLER PROTECTION



SYSTEM ANALYSIS:
MALFUNCTION DETECTED
LOCATION:
PROPELLER
CAUSE:
ROPE CAUGHT IN PROPELLER
RECOMMEND IMMEDIATE INTERVENTION

SYSTEM ANALYSIS:
STRIPPER DEVICE ACTIVE

SYSTEM ANALYSIS:
ALL SYSTEMS 555

STRIPPER

PROPELLER PROTECTION

shear performance

The most effective propeller protection available.

The ultimate protection for a propeller, the Stripper keeps propellers clear of rubbish by shredding it to harmless fragments. It is an assembly of rotating cutting blades that interlock around the shaft in front of the propeller. A fixed blade runs in bearings integral with the rotating cutter resulting in a shearing action as the blades pass each other.

The Stripper comes in two, three and four blade variants to match the number of propeller blades.



shear quality

The patented serrated teeth cut without touching thereby permitting the use of the same stainless steel as that used for propeller shafts. This avoids electrolysis (due to dissimilar metals) and enables a long service life. The resulting cutting action is so smooth that even low powered engines can cut through large ropes easily.

The patented shape of our blades puts real strength at the base where it is needed. The needle sharp teeth extend in an elegant outward curve to the very tips of the blade. This results in a cutting action that is the smoothest possible. With no blunt or overhanging blades to jam, a blade can slice part through a large rope leaving the next blade around to finish the job.

All Oyster Marine yachts have the Stripper fitted as part of their standard inventory.



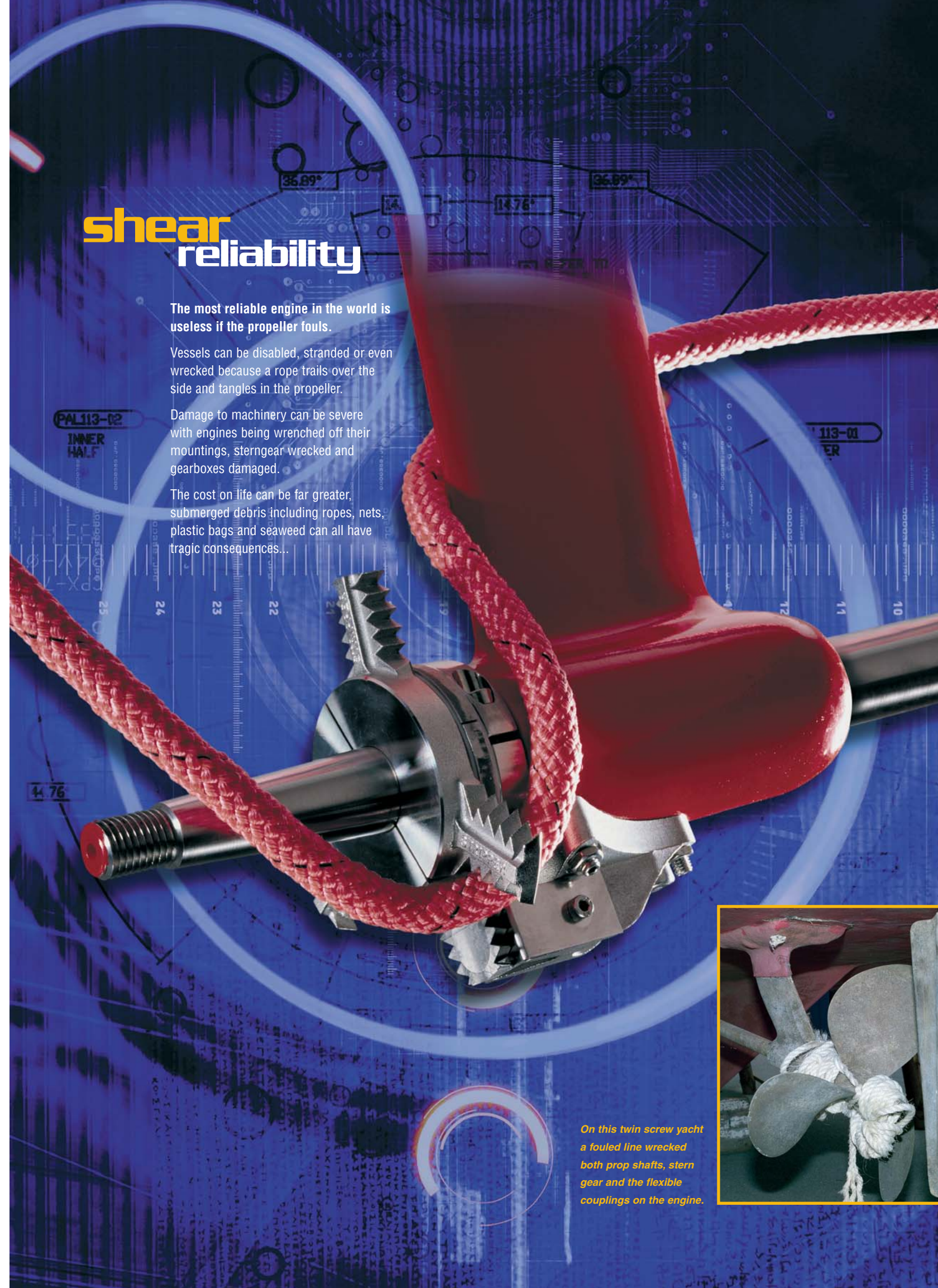
shear reliability

The most reliable engine in the world is useless if the propeller fouls.

Vessels can be disabled, stranded or even wrecked because a rope trails over the side and tangles in the propeller.

Damage to machinery can be severe with engines being wrenched off their mountings, sterngear wrecked and gearboxes damaged.

The cost on life can be far greater, submerged debris including ropes, nets, plastic bags and seaweed can all have tragic consequences...



On this twin screw yacht a fouled line wrecked both prop shafts, stern gear and the flexible couplings on the engine.

shear invention

The Stripper utilises scissor action serrated blades to cut through any fouling item. This system, based on a centuries old principle has proved to be the most reliable and efficient, and has helped to make the Stripper a world market leader.



The feature opposite has been reproduced from Sailing Today magazine.

'The Stripper' came out top in an independent test undertaken by the magazine and was given the 'HARDWARE GEAR OF THE YEAR' award for 2001. It was tested against four other leading rope-cutting prop strippers on a variety of materials. The tests proved that 'The Stripper' not only had the best cutting ability but also the lowest through life costs, thanks to minimal maintenance requirements.

1500 BC

Development of the first scissors.

300 BC

One of the earliest surviving scissors dates back to ancient Egypt.

100 AD

Invention of cross-bladed scissors similar to those of today in Rome. However, these scissors were not used domestically in Europe until the 16th century.

500 AD

First known written account of scissors by the scribe Isidore of Seville. Isidore described them as a tool for barbers and tailors.

1761 AD

Invention of the first modern cast-steel scissors in England.

1987 AD

Ambassador Marine formed after winning a "Design Council" award and subsequently featuring on BBC's "Tomorrow's World". Awards from Granada Television and Meridian Television soon followed, as did a Silver Medal from the "Worshipful Company of Turners". Our scissor cut blade designs are now patented worldwide.

2001 AD +

Since winning the Design Council award in 1986 the product has become an essential part of modern seafaring life, solving problems for a diverse range of users from remote fishing communities to high tech warships.

The Stripper receives the Sailing Today 'HARDWARE GEAR OF THE YEAR' award for 2001.

GROUP TEST Rope-cutting prop strippers

STRIPPER

Performance ★★★★★ Value for money ★★★★★

The Stripper proved to be very effective and ripped through everything we threw at it. The ragged teeth are very sharp and seem to tear apart anything in their path. We thought we might have problems with the polythene sheet, but it simply bit holes through it.

One small snag

was that we noticed the rope would sometimes become caught between the Stripper and the P-bracket bearing, however, it was insufficient to stop the engine and fell away easily when pulled. We suspect that it would clear itself if at sea.

Unlike with the Spurs, Ambassador Marine provides a choice of the number of cutting blades from two to four to match the number of propeller blades. The idea is to position the rotating blades so that they sit in front of the propeller blades. This, the company says, reduces interference of

water flow over the propeller.

We were impressed – not only by the Stripper's performance – but also by the high quality of its build.

All in all, we found this to be a very impressive piece of gear and, although the most expensive on test, we felt it was thoroughly worth the extra money.

Contact Ambassador Marine Ltd
Tel: 01962 775405 Fax: 01962 775250
Website www.ropestripper.com



Specifications

- Metric sizes for shafts from 20 to 100mm,
- Imperial sizes 0.75in-4in.
- Saildrive models Volvo SD110 & SD120, Yanmar & Bukh
- Model tested AM 5 3-blade
- Shaft size 1in
- External diameter 100mm
- Thickness 28mm

Sailing Today Verdict



The Stripper might be the most expensive of the five cutters tested, but it also proved to be the most efficient. If you want a cutter that will see off most materials, then we would recommend this product. Although it was a close run thing between it and the Spurs, the quality of the Stripper and its ability to shred everything we chucked at it, definitely gave it the edge. Rope cutters have never been properly tested by a magazine before, so we set about producing a realistic comparison. The product which came out on top of the pile was the Stripper which effectively liquidised every rope that came near it and bit large holes into plastic sheet and nylon netting.

It's made from 316 stainless steel, finished to a high standard and can be fitted to standard shafts and saildrives. All in all, an impressive piece of kit that will save many boats and skippers a lot of hassle - probably without them realising it.

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70 Sailing Today



Rope we used

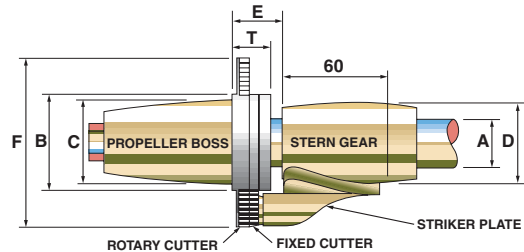


STRIPPER

PROPELLER PROTECTION

Stripper Selection Shaft drive

First determine the prop shaft diameter (A). You may have it with the specifications for the boat or you may measure it on a clean, unworn piece of shaft. If there is a choice of models select one with a hub dia (B) to match or be larger than the sterngear dia (D) and the prop dia (C). Note the number of prop blades. If you are unsure about the details fill in the Boat Details part of the Order Form. We may already have specifications on file for sister ships.



Model No	No of Blades	Shaft Diameter A	Hub Dia B	Blade Dia F	Cutter Width T	Typical Gap E	Stern Gear Dia D
AM5	2 or 3	20 22 25	55	100	28	36	39-55
		3/4" 7/8" 1"					
AM10	2 or 3	25 30 35	66	120	30	40	50-66
		1" 1 1/8" 1 1/4" 1 3/8" 1 1/2"					
AM15	2 or 3	40 45 50	86	150	37	50	68-86
		1 1/2" 1 5/8" 1 3/4" 2"					
AM20	2 or 3	50 55 60 65 70 75	110	180	40	55	90-110
		2" 2 1/4" 2 1/2" 2 3/4"					
AM20	4	50 55 60 65 70 75	110	180	40	65	90-110
AM30	2 or 3	75 80 85 90 95 100	165	280	45	60	115-165
		2 3/4" 3" 3 1/2" 4"					
AM30	4	75 80 85 90 95 100	165	280	55	70	115-165
		2 3/4" 3" 3 1/2" 4"					

Saildrives

Our range of dedicated saildrive strippers are detailed in a separate leaflet.

Stripper Accessories

Our wide range of spacemaker spacers which extend the shaft to create extra space ahead of the propeller and our constantly expanding range of adaptor kits to suit specialist applications are detailed in our Accessories leaflet.

For models AM5, 10 and 15 choose a two blade cutter for a two or four blade propeller and a three blade cutter for a three blade propeller.

The AM20 and AM30 are available with a choice of three or four blades to match the propeller. 2 Blade versions are special to order. The gaps (E) are for guidance only and must equal the cutter width plus an allowance for water flow and shaft movement



252 Hursley, Winchester, Hampshire. SO21 2JJ
Tel: (01962) 775405 Fax: (01962) 775250