

STRIPPER

PROPELLER PROTECTION

PAL113-02

INNER
HALF

113-01
ER

26

25

24

21

15

12

11

10

44.76

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.



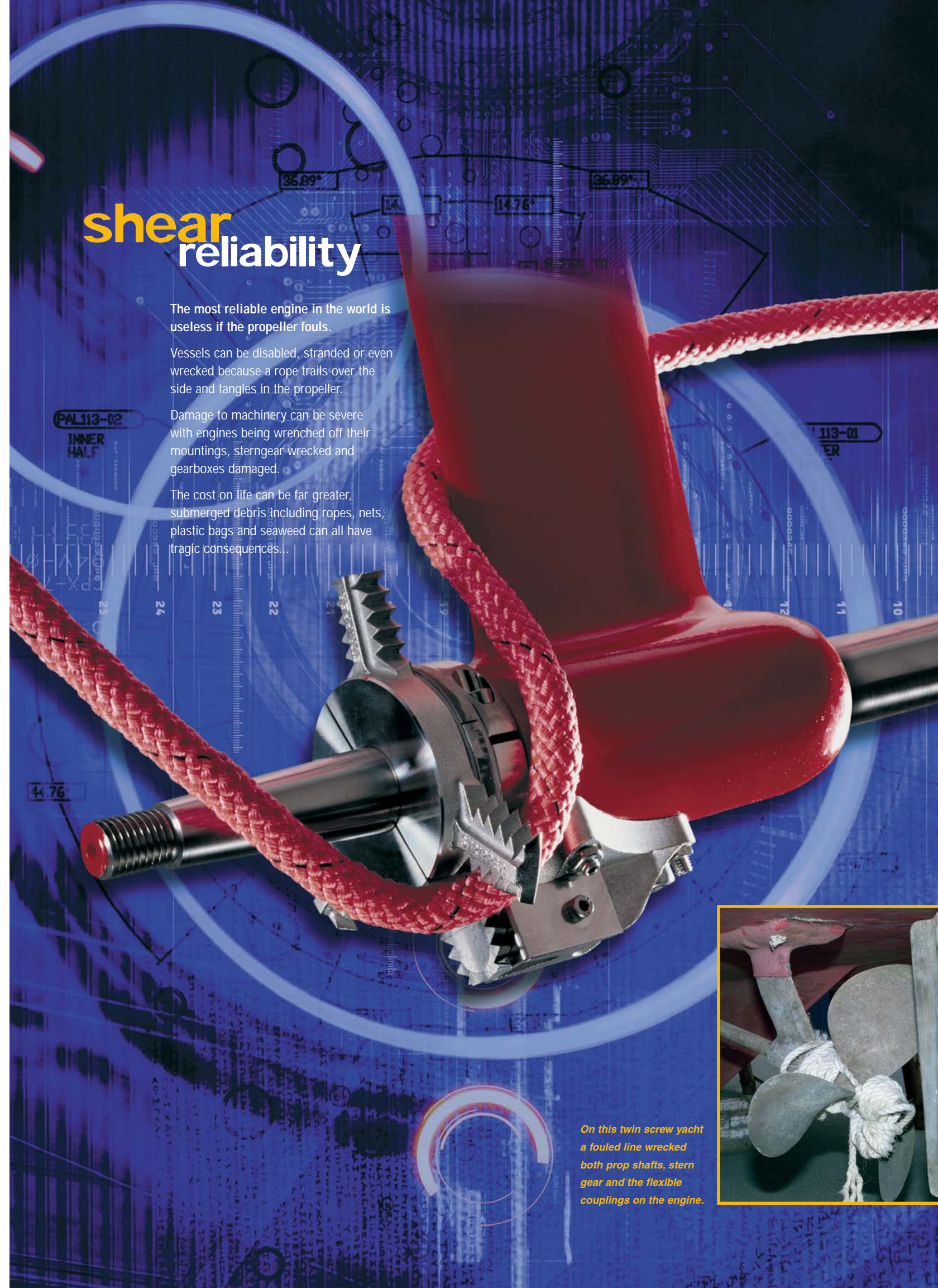
shear reliability

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...



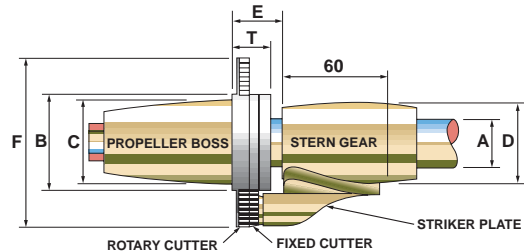
On this twin screw yacht a fouled line wrecked both prop shafts, stern gear and the flexible couplings on the engine.

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
		2" 2 1/4" 2 1/2" 2 3/4"					
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



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