

STRIPPER-PLUS

ROPE STRIPPER WITH CAVITATION REDUCTION

International Patents

UK - 119332.5.
PCT - PCT/GB02/003613
AU - 2002355362
CA - 2,456,792
EP - 1,414,698
US - 20040266281

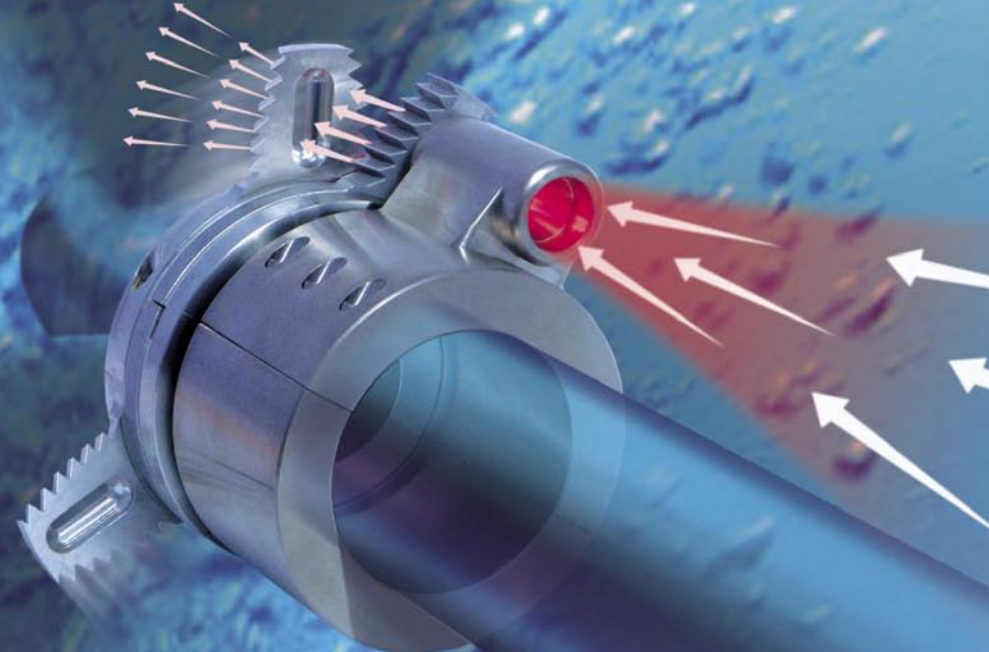
 Ambassador
marine

Ambassador Marine Ltd., 252 Hursley, Winchester, Hampshire SO21 2JJ
Tel: 01962 775405 Fax: 01962 775250

email: sales@ropestripper.com web: www.ropestripper.com

STRIPPER-PLUS

ROPE STRIPPER WITH CAVITATION REDUCTION



Blow away
cavitation with the
new Stripper-Plus

from  Ambassador
marine

PATENTED WORLDWIDE

STRIPPER-PLUS

ROPE STRIPPER WITH CAVITATION REDUCTION

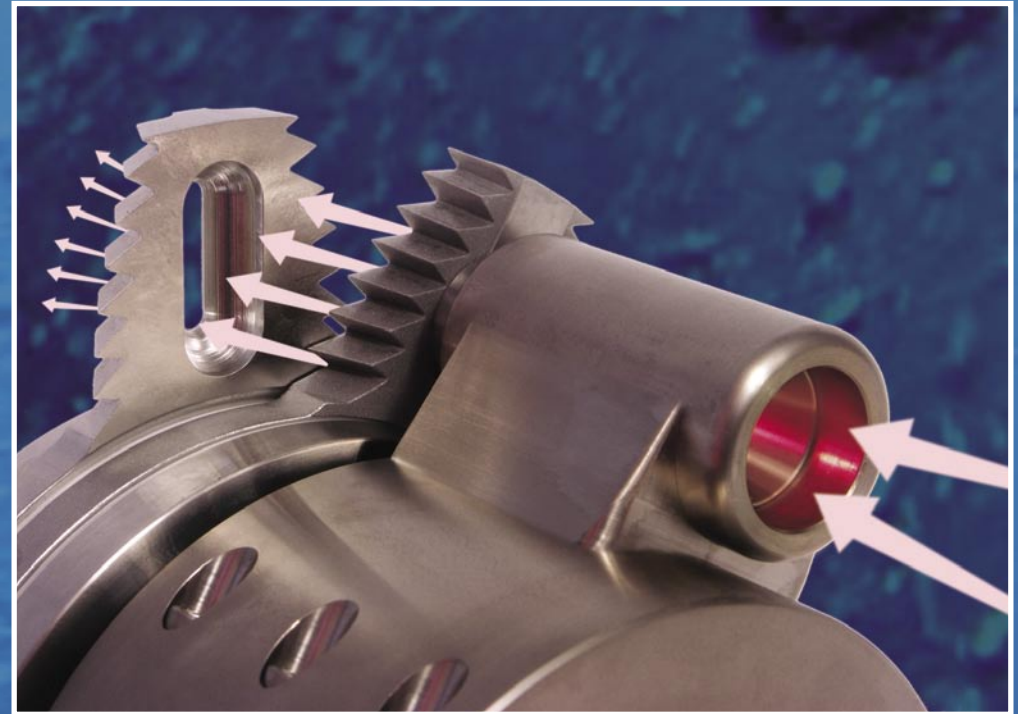
A propeller driven rope cutter designed to alleviate the aggravation of cavitation – the result of five years research and development using world class facilities.

Propellers are designed to work close to the threshold of cavitation at design speed. As we install ever more powerful engines in our boats, cavitation can erode material from the propeller at the blade root, a highly stressed area. As well as causing noise and vibration, consequences can include shedding a propeller blade, which at any speed can be highly dangerous.

Our **NEW** Stripper-Plus is a novel invention which delivers the greatest reduction of cavitating wakes formed by the cutter blades. The fixed cutter is supported on a “ram pipe” which has a hollow venturi inside which directs water flow into its own wake destroying any cavitation.

The rotary cutters blades have a collecting chamber on the upstream face forcing a stream of water from an ejector nozzle on its downstream face. This jet of water deflates the cavitation wake and directs a flow of water over the adjacent propeller blade, disrupting the formation of cavitating bubbles.

It blows away cavitation so effectively that there is less erosion than if there were no rope cutter fitted.



“Proven, without a shadow of a doubt.”

Test Results: VT Cavitation Tunnel.