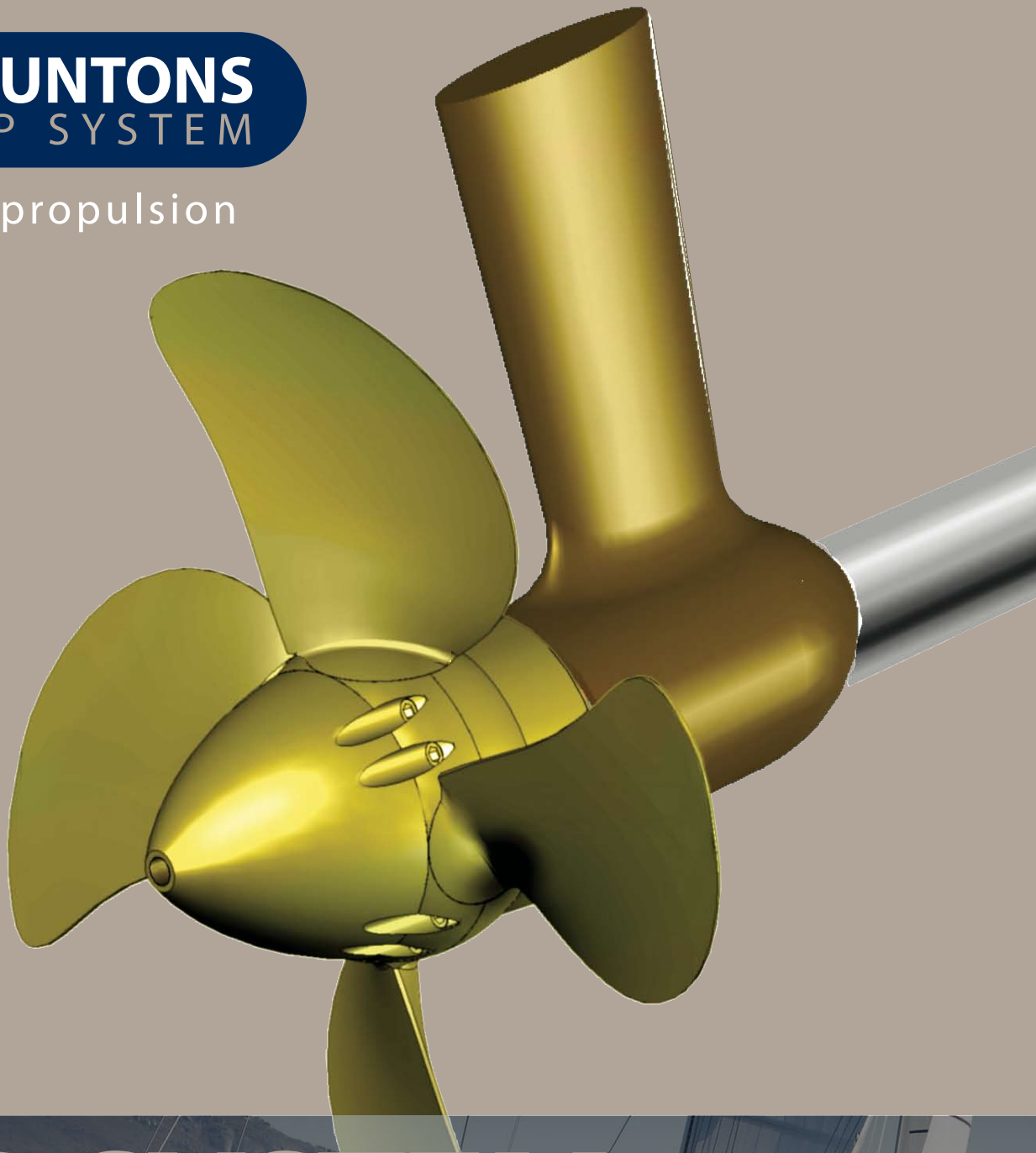




perfect propulsion



# CPP SYSTEM

controllable pitch propellers



# Controllable Pitch Propeller System

## Overview

Bruntons Propellers have been producing yacht propellers for many years and today offer a range of fixed, folding, feathering and surface piercing propellers of the highest quality and performance which are fitted by many of the most respected yacht builders in the world.

Now, after over two years of research, design and development, which has involved not just Bruntons but also the considerable resources of the Stone Marine Group, we are launching a propeller system which fills the one remaining gap in our product line – the Bruntons Controllable Pitch Propeller System.

## Design

Bruntons engineers and designers, having considered the current limitations of CPP propeller design, have produced a system with unique qualities that overcome two major problems associated with this type of propulsion system; excessive blade wear and high spindle loads. The former problem has been dramatically reduced with the inclusion of a new blade retention system, while the question of high spindle loads has been answered with a twin cam hub design believed to be unique.

## Models

The first model in the range is aimed at sailing yachts with engines up to 800hp and development work is already underway to produce units which will handle up to 2000hp. All models designed for sailing yachts will be fully feathering for sailing, and will feature a highly sophisticated control module linked to the engine management system to ensure the blades are always set to the optimum pitch whatever the conditions and the yacht's operational status, motoring or motor sailing.



Bruntons Propellers Ltd  
Oakwood Business Park  
Stephenson Road West  
Clacton on Sea  
Essex CO15 4TL  
UK

T: +44 (0)1255 420005  
F: +44 (0)1255 427775  
E: [sales@bruntons-propellers.com](mailto:sales@bruntons-propellers.com)  
[www.bruntons-propellers.com](http://www.bruntons-propellers.com)

A member of the Stone Marine Group