

About us

Manuplas is a specialist custom focused contract manufacturer with a successful background in the design and production of floatation and fendering solutions for a variety of applications. Manuplas is expanding their expertise to meet increasing customer demands.

Led by Managing Director Andrew Wickham, Manuplas were ranked 16th in the 2010 top 100 fastest growing companies in the South West.

Manuplas' ability to remain at the forefront of their markets has been achieved through:

- Excellent customer relations with an in depth understanding of their business and needs



- Significant research and technological developments in renewables, marine and leisure industries.

- Doubling in size over the past 3 years with 50 highly skilled employees utilising state of the art plant and machinery
- Currently undertaking a £1m capital investment programme to increase manufacturing and engineering capabilities with focus on developing our core strength in polyurethane engineering

There is an exciting future ahead for Manuplas with investment in 90,000 sq ft of manufacturing space spread across 2 factories in Plymouth due to increased capacity needs.



 **Manuplas**
Manu-cast

 **Manuplas**
Polyurethanes

 **Manuplas**
Renewables

 **Manuplas**
Engineering

 **Manuplas**
Industrial Coatings

 **Manuplas**
Marine

 **Manuplas**
Furniture

 **Manuplas**
Recycling



Manuplas
Seamless Innovation

Manu-Cast

- near nett shape casting
- seamless tooling block
- cast to size
- UK manufacture

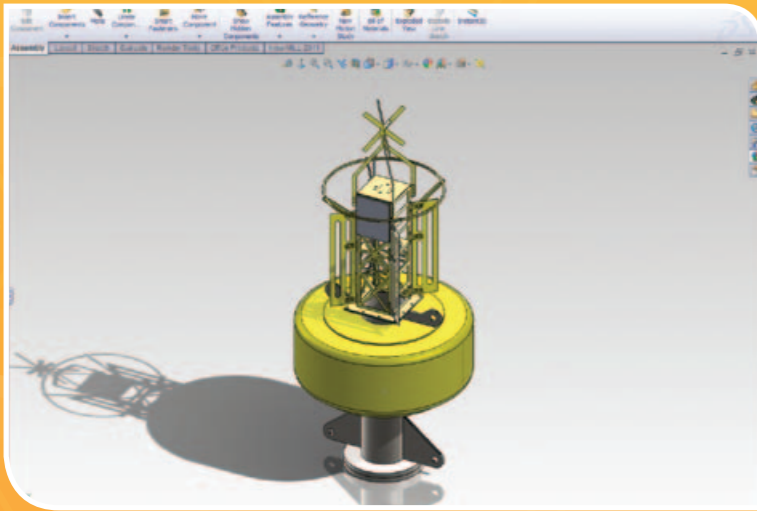
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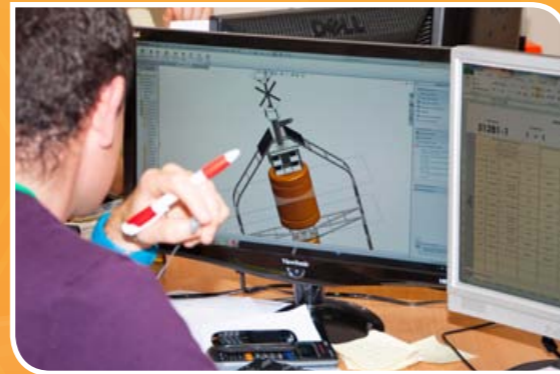
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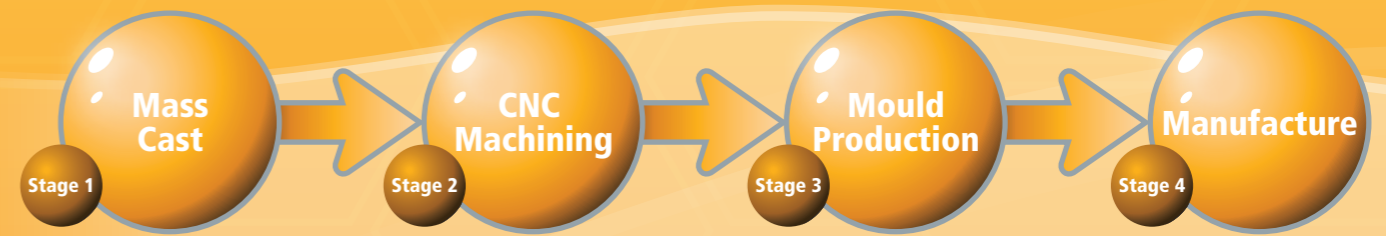
Engineering

- Manuplas have specialist design engineering services and are experts in near net shape casting, CNC machining and bespoke manufacturing.
- Manuplas uses engineering analysis tools for simulating nonlinear and dynamic response to achieve the best in product and material performance.
- We have the manufacturing capability to respond to short lead times through our flexible working environment.



Polyurethanes

- Manuplas utilise state of the art technology for spraying and casting filled and unfilled polyurethane elastomer material formulations.
- We have the ability to tailor a formulation or material specification to suit a customer's exact requirements.
- Manuplas has produced 2 of the largest 1 piece polyurethane castings ever made weighing in at 4 tonnes each!



Manu-Cast Stage 1 "Seamless" Mass-Cast

- Material is mass cast into a customer supplied cavity or CNC machined EPS cavity to create a billet.

Manu-Cast Stage 2 5 Axis CNC Machining

- CNC Machining of the rough cast billet to meet customer specification

Manu-Cast Stage 3 Mould Production

- Mould Production of the highest quality using open and closed mould technology and innovative material solutions.

Manu-Cast Stage 4 Manufacture

- Manuplas has 25 years experience of manufacturing custom designed products.



Manu-Cast

- Manu-Cast is a seamlessly cast polyurethane product, custom designed to give a high quality solution for plug and mould making.
- Manu-Cast offers a cost effective alternative to the process of laminating mass produced modelling and tooling boards.
- Material waste and machining time are substantially reduced resulting in significant cost savings.
- Manu-Cast is designed to meet a rapid turnaround response.

