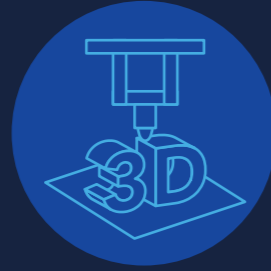


## Why 3D Matters?



In-house 3D design, modelling and engineering team with project consultancy by industry and subject domain experts



State-of-the-art 3D printers and extensive range of print materials



High precision 3D scanning, CAD and design optimisation



Quality assurance, diagnostics, testing and certification from international laboratories



World-class finishing, touch-ups and innovative packaging and project presentation



Premium services available for projects that require ultra-fast turnaround within 2 days

## About 3D Matters

Founded in Singapore in 2012, 3D Matters is a fast growing Additive Manufacturer providing end-to-end AM solutions to clients across Southeast Asia.

Apart from helping our clients with scale-accurate models and fast prototyping, we also enhance their design and manufacturing capabilities to shorten lead times for spare and obsolete parts as well as speeding up time to market for new products.

### Key industries we support



Maritime / Offshore / Oil & Gas



Architecture, Building & Construction



Infocomm and Digital



Engineering, Spares and Aftersales



Advertising and Design

Contact us today to find out how you can be a game changer for your company through innovations in 3D printing.

**3D Matters Pte Ltd**  
10 Science Park Road, #02-01  
The Alpha, Singapore Science Park II  
Singapore 117684

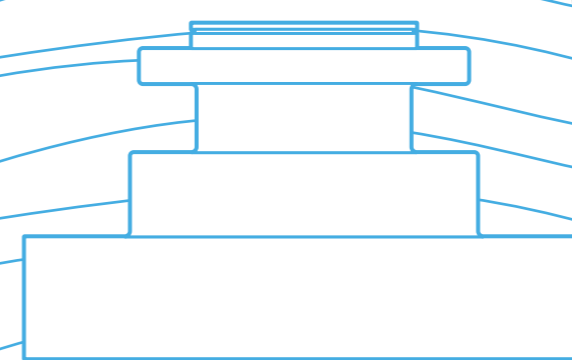
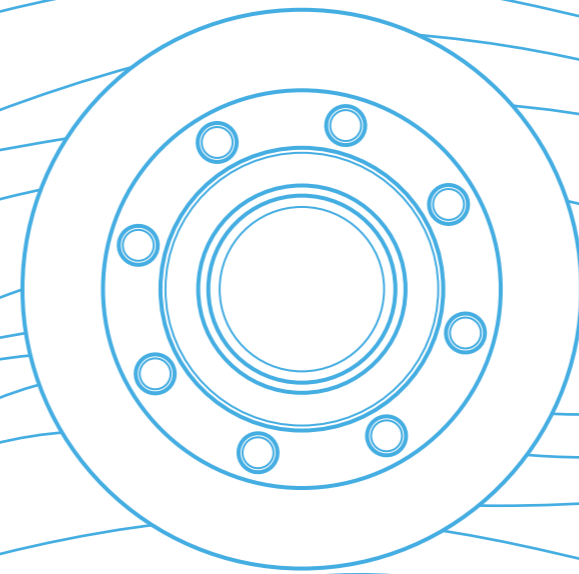
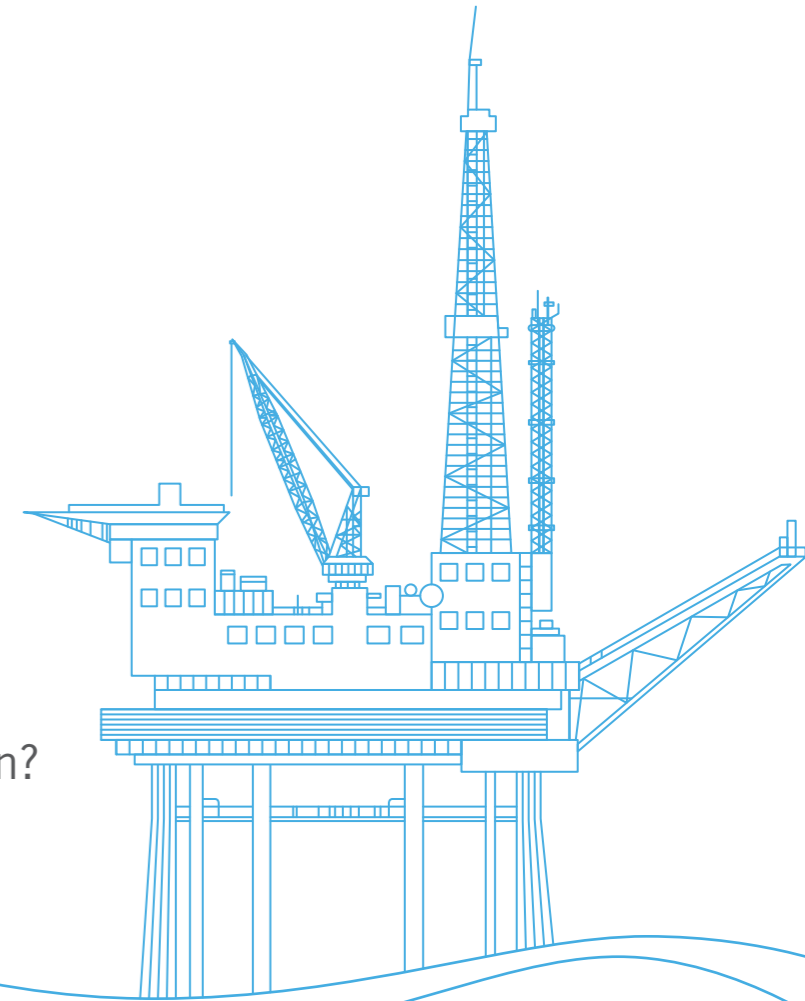
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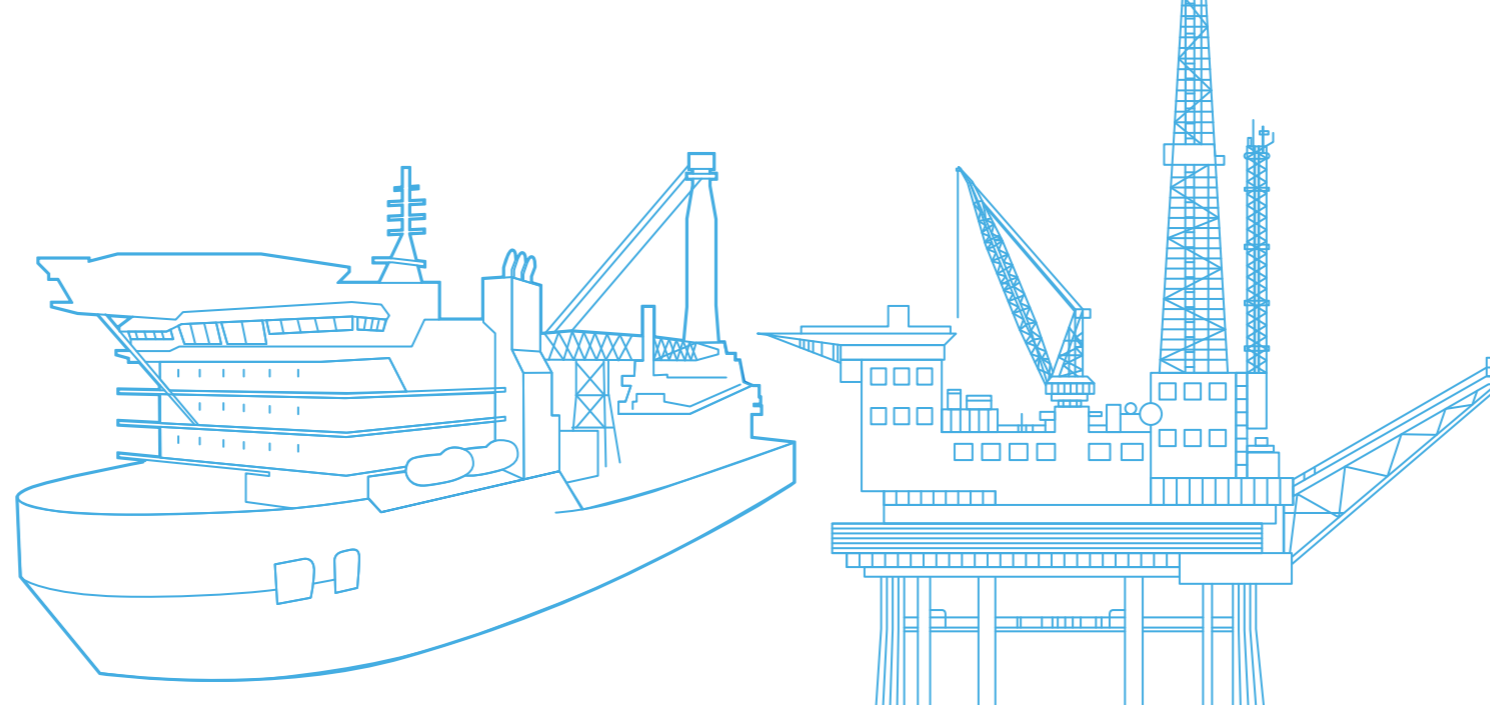
**3D MATTERS**  
ADDITIVE MANUFACTURING

Bring the full benefits of 3D printing to the oil and gas sector with printing of obsolete spare parts, faster prototyping, on demand local printing and many other radical advances.






Will you be part of this revolution?



**With today's equipment and offshore vessels costing millions of dollars to build and maintain, every day and dollar saved on construction or dry docking is decisive in performance and profitability.**



### What can 3D printing do for you?

-  Improve spare part manufacturing
-  Replicate models with detailed features
-  Smoothen work flow and planning
-  Speed up performance testing
-  Minimise errors in new product development

### Equipment Models

Your masterpiece should be as real as it can be.

- Impress your customers with a stunningly accurate 3D model of your new vessel
- Showcase intricate design details through a durable replica that traditional model-making cannot achieve



### Rapid Prototypes

Get faster and more accurate product mock-ups at a fraction of the cost.

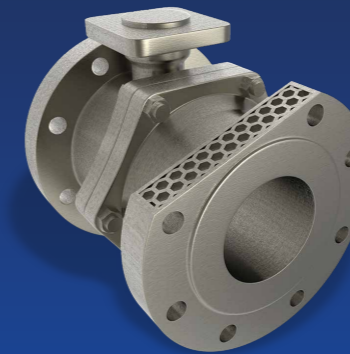
- Choose from a wide range of materials such as sandstone, nylon, metal – with full vibrant colours to transform your idea to a tangible product, 100% true to scale
- Test for assurance before committing to a full production run
- Perfect for interactive sales demonstrations, particularly with the use of movable or detachable 3D printed components



### Small Batch Productions

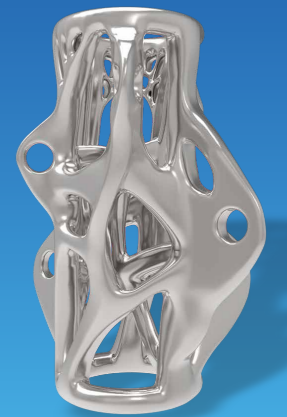
3D printing is a perfect answer to lower MOQ production runs.

- Cost-effective manufacturing for production runs up to a few hundred pieces
- Support for customized production runs allowing cost-effective small batch production
- Seamless integration into the entire manufacturing value chain with quick tooling and bridge-manufacturing technique for low volume, precision-based projects



### Reduce Material Costs

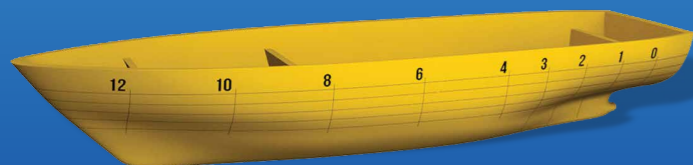
Minimize waste and optimize the use of expensive material. Enhance performance at the same time through improved design and unique 3D printing attributes such as interior honey-combing and design optimization.



### Performance Testing

Ready for the test, ready for the market.

- Print accurate hulls, rudders, propellers and top sides to facilitate water tank testing of new designs
- Benefit from reduced production time, cost-savings, precision and durability from these high-performing test gauges and calibration tools



### Spares & Obsolescence Management

Extend the lifespan of older equipment by printing obsolete parts that are no longer available from the original manufacturer.

- Reverse engineer from original or custom design to print obsolete or long lead time parts, significantly reducing equipment downtime
- Improve performance of spares by redesigning them to be made lighter or fine-tune specifications for better mechanical performance



### On-demand printing at point of need

Save time by printing at sea or in the port or yard.

- Design and print specialist equipment, fit for purpose tools or spare parts, as and when needed – on board ships, vessels or at ports
- Print in specialty lightweight materials such as titanium, or redesign to save weight and enhance performance



### Retrofit Installed Equipment

Address problems post-manufacturing and installation.

- Fix defects in original equipment or upgrade for safety requirements and new regulations through add-on components and highly customized parts

