

BMTI

— ALSEAMAR

Leading edge buoyancy foam solutions

High-performance subsea buoyancy modules for underwater vehicles

- Low & ultra low densities for maximized buoyancy
- Long-term operational performances
- High safety factor and strength
- Deepwater solutions



Own formulations & manufacturing processes

innovation & services at sea

NEED A CUSTOM DEVELOPMENT PROJECT ?

ALSEAMAR has the largest and dedicated manufacturing plant capacity for subsea foam modules for underwater vehicles and has internalized each production step.

From concept to completion, our in-house manufacturing and constant monitoring of each parameter ensure consistent product delivery.



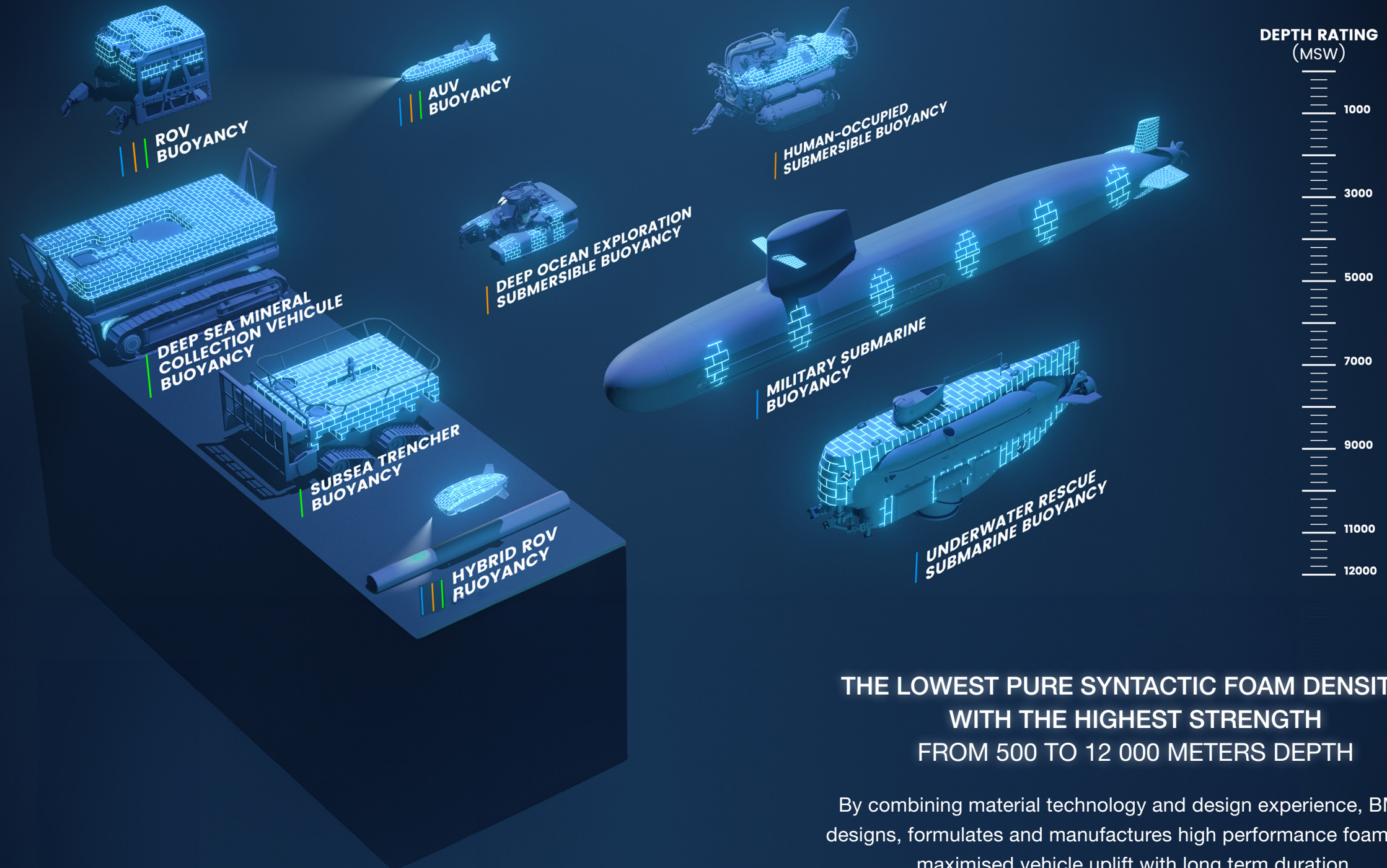
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UNDERWATER VEHICLES BUOYANCY FOR | DEFENSE | ENERGIES | MARINE SCIENCE



THE LOWEST PURE SYNTACTIC FOAM DENSITIES WITH THE HIGHEST STRENGTH FROM 500 TO 12 000 METERS DEPTH

By combining material technology and design experience, BMTI® designs, formulates and manufactures high performance foams for a maximised vehicle uplift with long term duration.

TAILOR-MADE ADVANCED BUOYANCY MODULES FOR VERY DEEPWATER APPLICATIONS

BMTI® foams offer a wide range of densities and mechanical properties. Our design & engineering team will advise on the best foam reference that will provide the best combination to each subsea vehicle, depending on its size, shape and maximum depth. We can provide both standard foam blocks or custom-shaped buoyancy modules.

HIGH QUALITY AT EVERY STEP OF MANUFACTURING FROM FORMULATION TO DELIVERY

Incorporating BMTI materials into underwater vehicles manufacturing significantly reduces the density and weight of the buoyancy, whilst providing the highest strength to weight ratio to meet the deep and ultra-deep-water environment demands of both strength and weight.