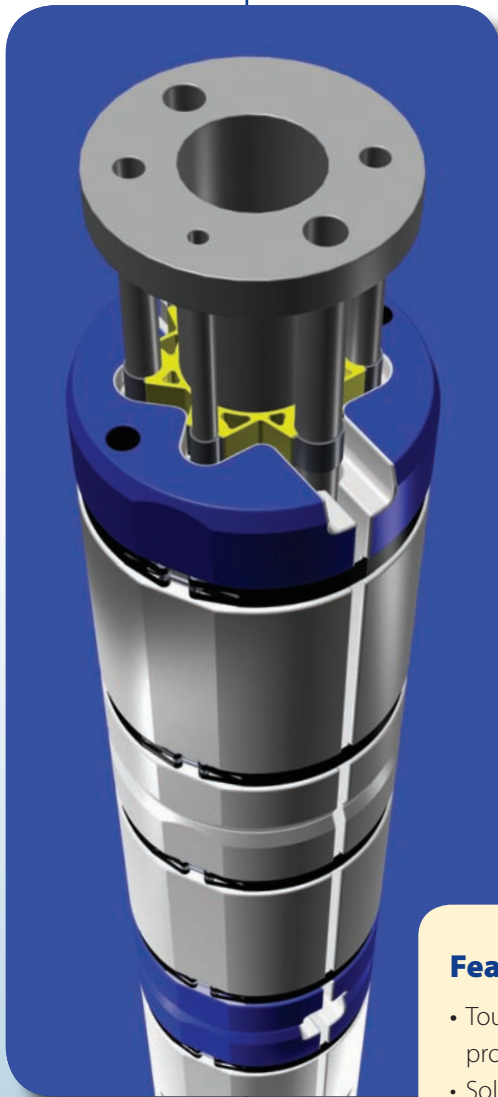


# CoreTec™ Drilling Riser Buoyancy Modules

## Flotation Technologies CoreTec™ DRBMs are the next generation of drilling riser buoyancy.

The CoreTec™ module represents a new, engineered solution to an old problem — how to safely compensate for the weight of the drill string in deep water.

Using the latest in 3D CAD design and finite element analysis, Flotation Technologies' engineers have designed a product that is tougher, safer and can go deeper than any buoyancy module currently on the market.



### Features

- ToughSkin™ exterior shell protects the core and ensures module integrity.
- SolidCore™ is solid syntactic foam containing no minispheres.
- Natural rubber flex-pads allow the riser to bend within the module.
- Kevlar straps and super duplex tensioners provide a safe and proven attachment method.
- Virtually no depth restrictions.

**FLOTATION  
TECHNOLOGIES**

*A company with depth*

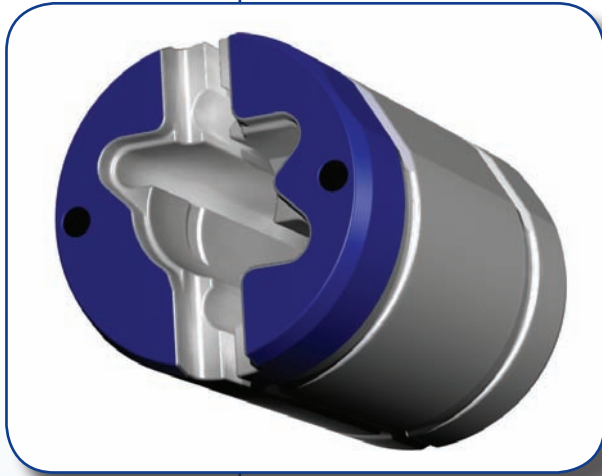
Flotation Technologies, Inc. is a world leader in the engineering, design and manufacture of deepwater buoyancy systems using high-strength Flotec™ syntactic foam and polyurethane elastomers.



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# CoreTec™

## Drilling Riser Buoyancy Modules



Riser buoyancy modules are subjected to rough handling and an abusive life — in the yard, during offshore installation and in service. CoreTec™ modules combat this abuse in two, unique ways. First, the ToughSkin™ outer shell is molded from an amazingly tough, high strength polymer. This shell provides an unprecedented level of protection, from both impact and abrasion, for the syntactic foam inner core. The SolidCore™ inner buoyancy material is cast from solid, pure syntactic foam containing no “minispheres” or “EP’s,” the major cause of implosions and buoyancy loss. This SolidCore™ foam allows the modules to reach depths of 12,000 feet and beyond with no danger of catastrophic failure.



The strongest inner core wrapped with the most durable protection is at the heart of the CoreTec™ design. Engineered for less breakage in the yard and while running and retrieving; lower buoyancy loss in service and minimal risk of failure equate to fewer spares, less down-time and reduced risk to personnel, significantly lowering total cost of ownership over time.



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