



# Umbilical bend control

## Njord Linksyn™

Njord Linksyn™ provides an even distribution of buoyancy along an umbilical due to its interlocking and articulated design. It prevents the umbilical from bending below its minimum bend radius and provides mechanical support in the event load is applied to the umbilical. Two new additions to the range are the Njord Linksyn™ SD and Njord Linksyn™ HD systems.

Njord Linksyn™ protects the flexible from overbending whilst also removing weight through the buoyancy. This is great for things like ROV's which don't want to be burdened with weight on top of their normal job as this would reduce their capacity. It also means the buoyancy allows bend protection and control to be gained without additional stress to the customers end fitting.

Njord Linksyn™ includes buoyant interlocking vertebrae, installed either directly on an ROV or plough umbilical termination or mid-water by means of a tether clamp. Each element comprises of a buoyant syntactic composite core encapsulated within a resilient polyethylene external shell.

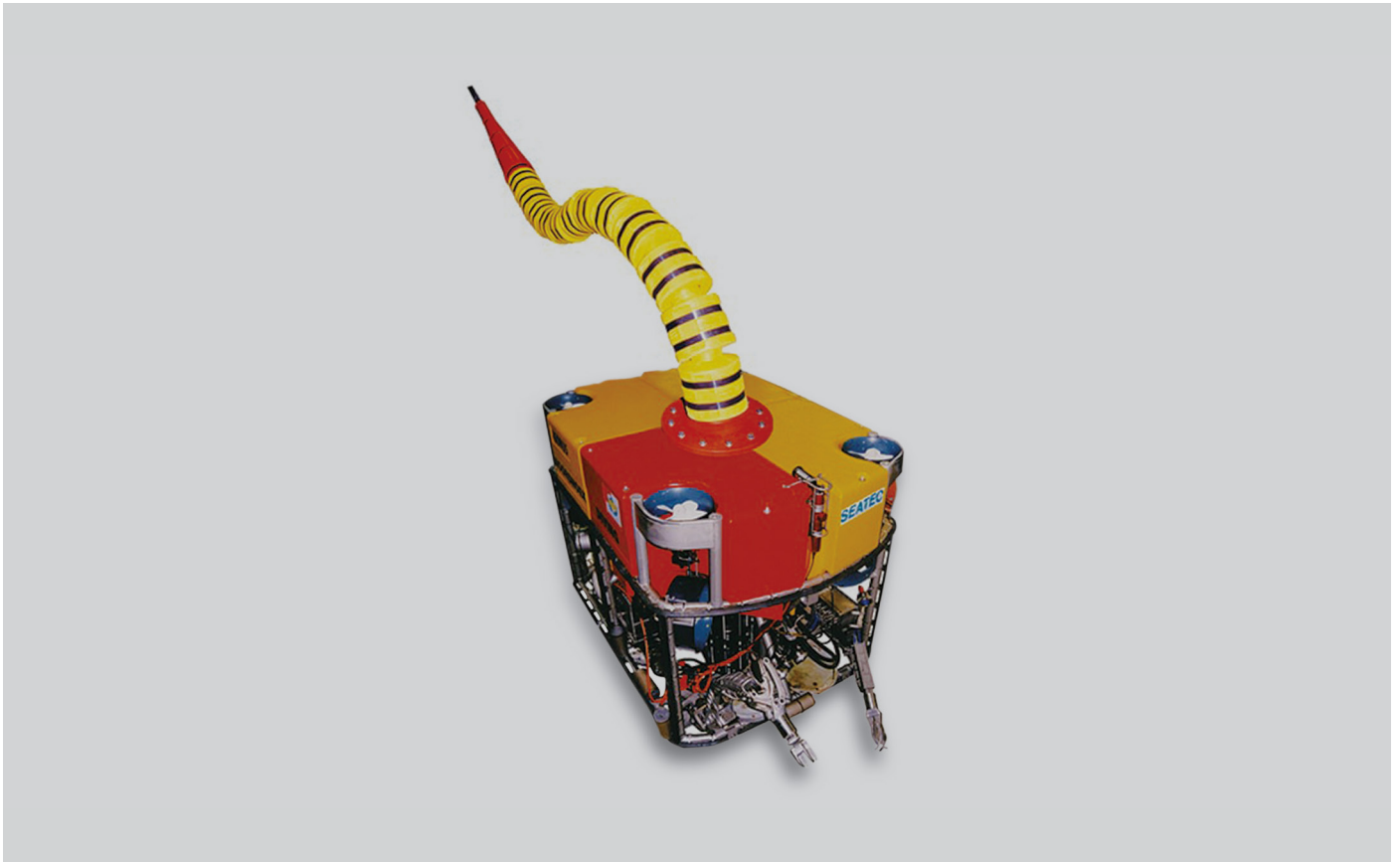
### Key applications

- ROV umbilical termination
- Umbilical
- Hose

### Benefits:

- Reduce umbilical failure
- Controlled management of the umbilical
- Buoyancy trimming of the umbilical
- No 'weight cost' for this protection when in water





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## Contact us

Trelleborg Applied Technologies delivers innovative and reliable solutions, materials and smart systems that maximizes performance for our customers. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.



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