



TC2 MECHANICAL CONNECTOR

The TC2 Mechanical Connector is a collet latched, subsea installable and recoverable horizontal connector that was developed with direct industry feedback regarding the complications and lessons learned associated with legacy 2" style connectors. The connector is capable of being terminated to a flexible flying lead via an industry standard API flange, 4-bolt hub style connection or equivalent. The TC2 Connector is also equipped with a 5-tonne rated lifting padeye for installation assistance.

Customers want to ensure that a dependable seal is made and for that the TC2 Connector is equipped with a back-seal (external seal) test circuit that uses a standard API 17H ROV hot stab to operate. This feature allows the operator to verify the pressure integrity of Trendsetter's proprietary TEX-2 gasket immediately after subsea installation of the flexible flying lead by using a small volume of test fluid provided by the ROV.

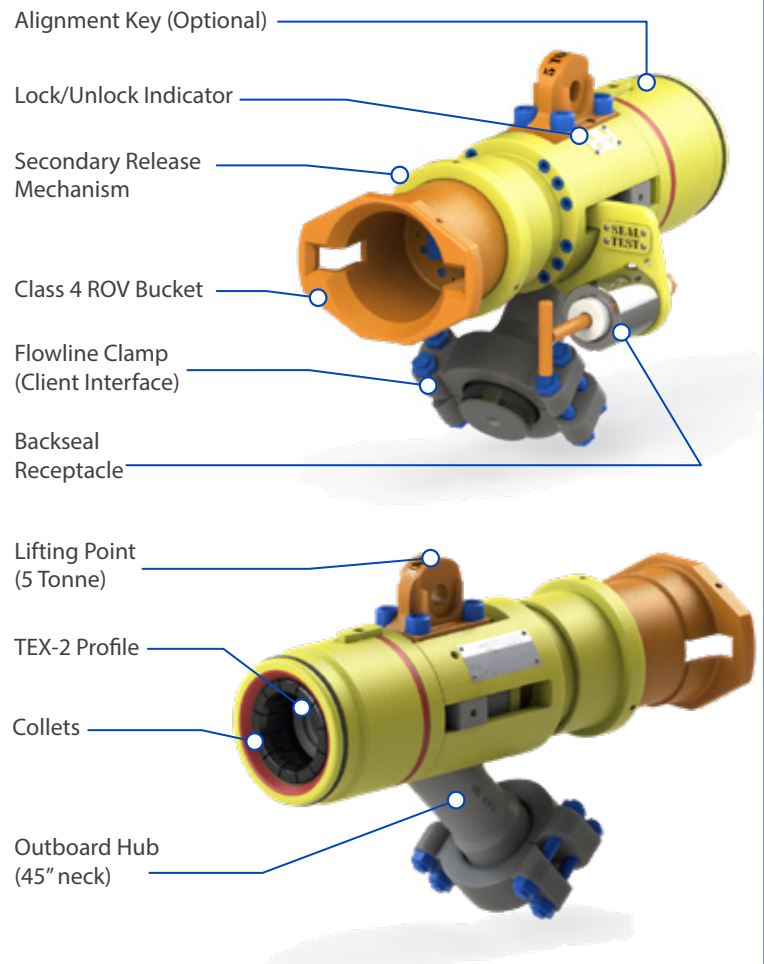
The TC2 offers simple, efficient design based on three main principles: robustness, reliability, simplicity. These principles make the TC2 the ideal connector for subsea deployment and operations. Good things come in small packages.

KEY FEATURES

- ✓ Trendsetter designed and built connection system
- ✓ Robust metal-to-metal gasket
- ✓ Full qualification testing to rigorous standards up to 15,000psi and 250° F
- ✓ Designed for flexible jumpers
- ✓ Industry standard ROV interfaces
- ✓ Supports subsea seal installation and removal
- ✓ Built-in back seal test capability
- ✓ Contingency tooling available to support subsea gasket replacement and removal override
- ✓ Up to 5-degree misalignment during installation
- ✓ Compact design allows for easy packaging onto tree ROV panels.

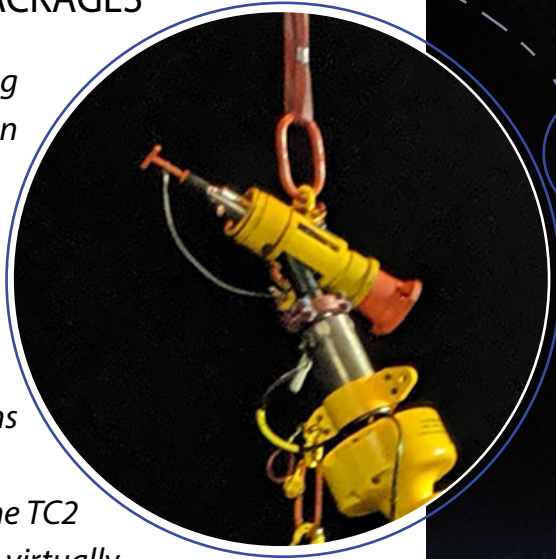
The Advanced TC2 connection systems are deployed for a variety of applications all over the world ➡

TC2 CONNECTOR



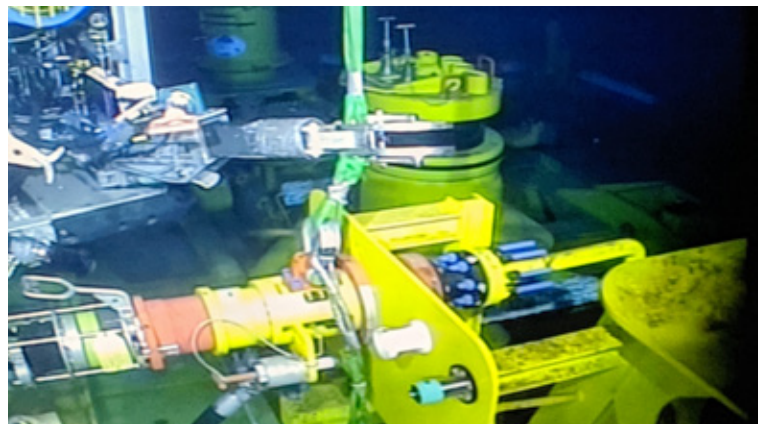
GOOD THINGS COME IN SMALL PACKAGES

With an ever-changing economic landscape in the subsea industry, quickly-deployable and reliable equipment is key for operations where cost-effective solutions are a necessity. The versatility built into the TC2 design means there is virtually no limit to the application of the hardware, ensuring more value to a project over time.



With its compact footprint, the TC2 connector fits perfectly on your subsea manifolds and distribution assemblies

Requirement	Value
Design Code	API 17D
Design Life	30 Years
Nominal ID	2.0 in
Gasket	TEX-2
Product Specification Level	PSL 3 or 3G
Material Class	EE / FF / HH
Rated Working Pressure	15,000 psi
Temperature Rating	-20 to 250 F
Maximum Water Depth	10,000 ft
API Bucket Interface	API 17H Class 4



The field-proven TC2 connector features an ROV-friendly user interface for a seamless connection



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Manufactured by:
 Trendsetter Engineering
 Leader in Contemporary Subsea Solutions