

## Key Features:

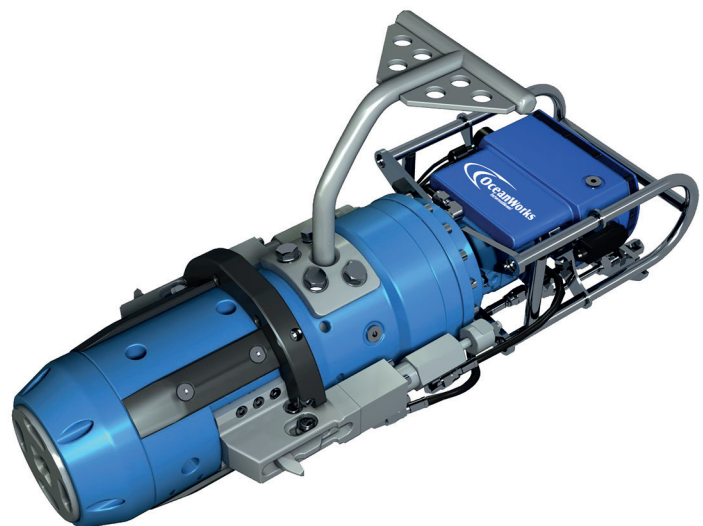
- Lightweight, compact design
- Suitable for use with ROVs or divers

# Oceanworks Tornado TRO API17D Class 1 – 4

## Torque Tools and Accessories

The TORNADO TRO subsea torque tool is specifically designed for operation with an ROV or a diver, and features torque and turns count sensors to allow readout of torque and turns.

When matched with a “smart” torque tool control manifold, full torque turns feedback and control can be achieved.



# Oceanworks Tornado TRO

## API17D Class 1 – 4

Torque Tools and Accessories



### Specifications

Dimensions	Length	620mm
	Breadth	230mm
	Height	185mm
Weight	Weight in air	30.8Kg
	Weight in water	25.9Kg
Depth rating		4000 meters
Interface		API 17D Class 1-4
Torque output	Class 1	0 - 50 FT / LBS (0 - 69 NM)
	Class 2	0 - 200 FT / LBS (0 - 270 NM)
	Class 3	0 - 1000 FT / LBS (0 - 1360 NM)
	Class 4	0 - 2000 FT / LBS (0 - 2700 NM)

### System Components

Class 1-4 Tornado Torque tool	IVP interface cables	
Operating manual		
Transit case		
Hydraulic hose set		