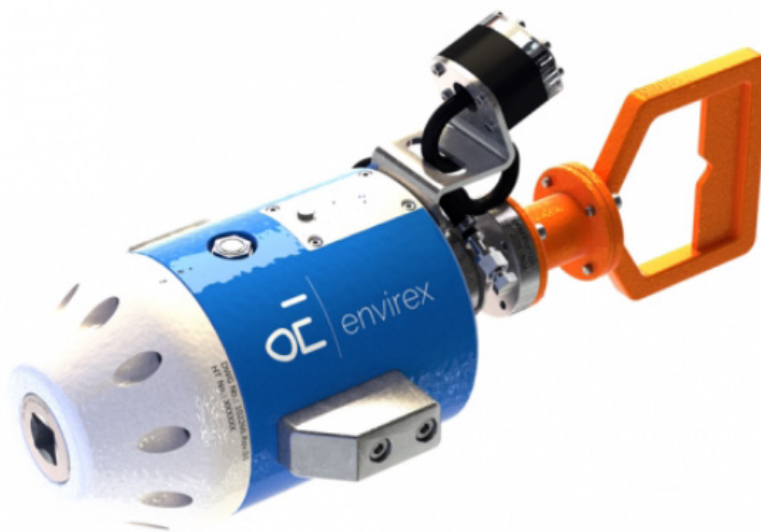


# TORQUE MULTIPLIER TOOL

ROV INTERVENTION  
500 NM TORQUE  
CLASS 1-4



## Description

**Located on subsea structures and tooling all over the world, there are need-  
le valves or other valves that are sensi-  
tive to over torque.**

To prevent damaging valves by over torque, Envirex have designed a ROV manip. operated torque tool for such applications. The tool can be adjusted to a maximum output torque setting to avoid damaging subsea valves caused by over torque. The torque limiter is highly accurate for both clockwise and counter clockwise turns.

## Features

- Turn counter on subsea display
- Torque range from 50 Nm to 500 Nm
- Adjustable maximum output torque
- Mechanically operated by ROV
- Accurate torque adjustment
- Low weight
- No hydraulic/electric ROV interface

# SPECIFICATIONS

## TORQUE MULTIPLIER TOOL

### General Technical Specifications

Type	Torque Multiplier Tool
Part Number	111709
Dimensions	mm L250 x Ø151
Weight (in air / submerged)	kg ~22 / ~18

### Torque Features

Max. Inlet Torque	Nm 170
Max. Output Torque	Nm 500
Gear ratio	4.5 : 1
Interface	ISO 13628-8 Class1-4 end effectors

### Torque Multiplier Ranges

Configuration #1	Nm 50 - 155
Configuration #2	Nm 135 - 360
Configuration #3	Nm 180 - 500

### General Features

Depth rating	MSW 3000
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■ The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.

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