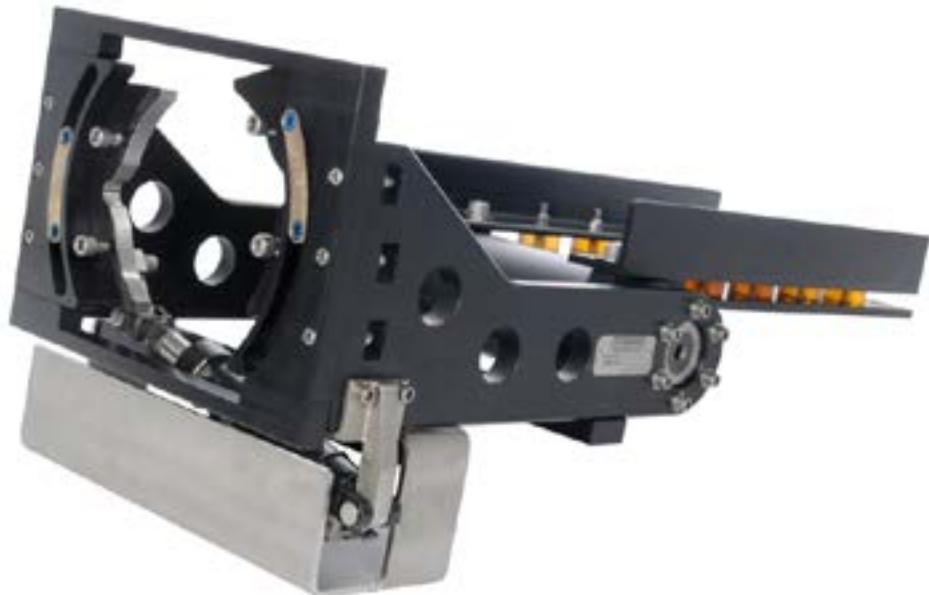


# Flying lead orientation tool FLOT

## Features

- Designed for use during subsea ROV intervention
- Enables repositioning of torque tool in real time
- Compatible with hydraulically powered work class ROVs



The FLOT is designed to orient and guide flying leads into the stab plates on subsea equipment. It also increases efficiency by enabling repositioning of the torque tool in real time without the need for reconfiguration of the torque tool's handle or ROV mounting position.

The tool can be operated in horizontal or vertical planes with tool roll controllable from  $\pm 10^\circ$  to suit applications where large moments may be experienced. The FLOT features an arm with adjustable length to position the torque tool further away from the ROV.

## Specifications

<b>Product</b>	Flying lead orientation tool
<b>Country of origin</b>	USA
<b>Manufacturer</b>	Oceaneering International Inc.

RTS – Rental Technology & Services

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## Specification

<b>Weight in air/water</b>	75 / 62 kg
<b>Dimensions (LxWxH)</b>	104 x 47,4 x 43,1 cm

## Hydraulic input

<b>Pressure</b>	3,000 psi (max)
<b>Flow</b>	Min 1.5 gpm
<b>Hydraulic fluid type</b>	Tellus 22
<b>Hydraulic connections</b>	4 x 4m R2AT hoses with JIC 4 female swivel ends

## Performance Data

<b>Pitch</b>	±90°
<b>Pitch axis load capacity</b>	550 lb @ 18 in extension from rotary actuator centerline @ 3,000 psi 380 lb @ 31 1/2 in extension from rotary actuator centerline @ 3,000 ps
<b>Roll</b>	±10°
<b>Roll torque</b>	6,000 in-lb @ 2,500 psi

## Fittings for mounting FLOT to ROV

5 x M12 x 50 socket head cap screws
6 x M12 nylon nut
16 x M12 flat washer
4 x M12 x 100 socket head cap screws
1 x M12 x 80 socket head cap screw

## Fittings for mounting tool to FLOT

8 x 1/2 in UNC x 1 in bolt
4 x 1/2 in UNC -13 x 1 1/2 in socket head cap screws

## Transport information

<b>Transport case (LxWxH)</b>	120 x 100 x 80 cm
<b>Weight</b>	180 kg