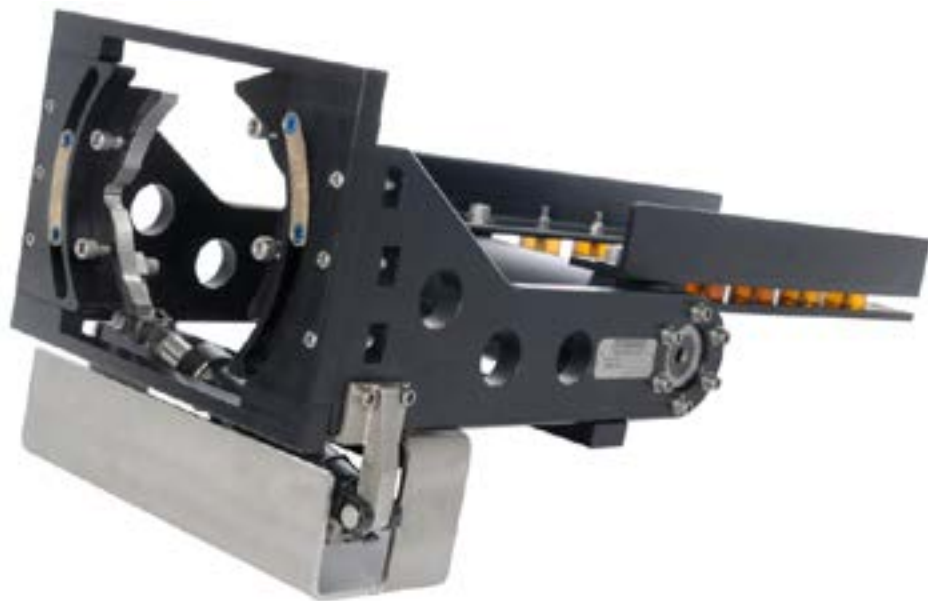


Flying lead orientation tool FLOT

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

Product	Flying lead orientation tool
Country of origin	USA
Manufacturer	Oceaneering International Inc.

Specification

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

Hydraulic input

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

Performance Data

Pitch	±90°
Pitch axis load capacity	550 lb @ 18 in extension from rotary actuator centerline @ 3,000 psi 380 lb @ 31 ½ in extension from rotary actuator centerline @ 3,000 ps
Roll	±10°
Roll torque	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 ½ in UNC x 1 in bolt
4 x ½ in UNC -13 x 1½ in socket head cap screws

Transport information

Transport case (LxWxH)	120 x 100 x 80 cm
Weight	180 kg