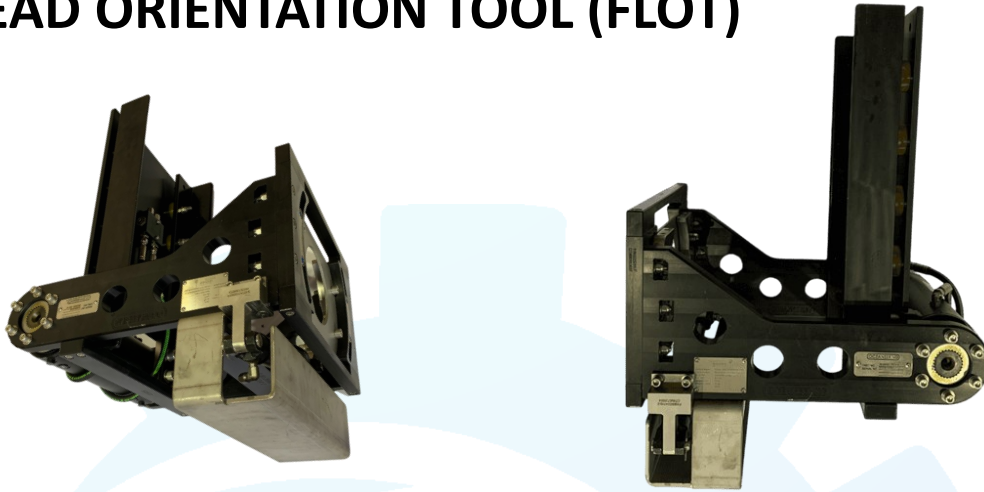


FLYING LEAD ORIENTATION TOOL (FLOT)



DESCRIPTION

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 tools 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. Pitch and roll actuators are controlled from the host ROV's spare rate valves and are rated for 3,000 psi. The FLOT is capable of withstanding lateral and yaw loads up to 1,000 lb (454 kg).

SPECIFICATIONS

• Pressure Rating	207bar / 3,000 psi
• Oil Type	TELLUS T22 or Similar
• Pitch	$\pm 90^\circ$
• Pitch Load Capacity	226Nm @ 207bar (3,000 psi)
• Roll	$\pm 15^\circ$
• Roll Torque	675Nm @ 170bar
• Depth Rating	3,000 m
• TT Interface	ISO 13628-8 Class 1-4 TT
• Weight in air	75.5kg

FEATURES

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

APPLICATIONS

- Class 1-4 torque tool operations
- Stab plate operations
- Flying lead operations

