

## Key Features:

- Lightweight, high strength, aluminium construction
- 400Kgs Payload capacity, (on Torque tool Nose, improviser)
- Depth rated to 3000m, (10,000ft)
- Class 1-4 improviser TT mounting adaptors
- Class 1-4 TT mounting adaptors
- Max pitch torque 2820Nm
- Max roll torque 1340 Nm

# Heavy Duty Flying Lead Orientation Tool (FLOT)

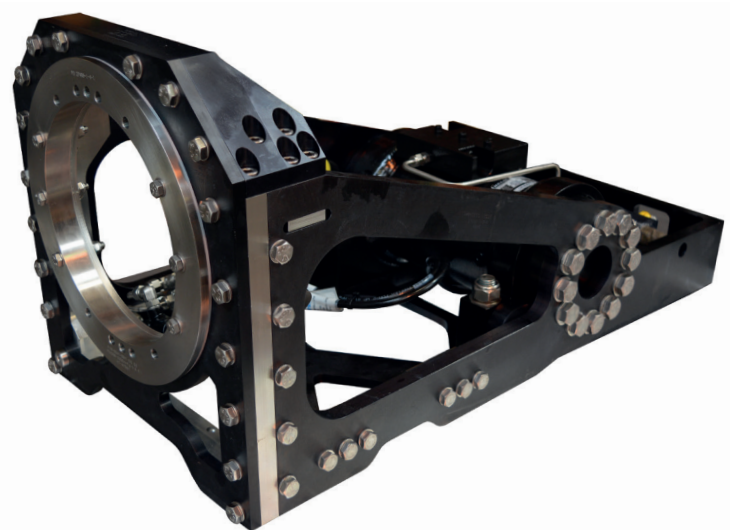
## Torque Tools and Accessories

The Flying Lead Orientation Tool (FLOT), provides a means of mounting the class 1 to 4 torque tool to the ROV in such a way that the orientation of the component being installed can be adjusted as the ROV approaches the subsea structure. It consists of an aluminium/stainless steel framework which is fastened to the front of the ROV.

At the front of this framework is a rotary actuator, onto which is mounted a second aluminium/stainless steel structure which mounts the torque tool.

The rotary actuator provides a +/- 90° pitch movement providing +/-15° roll movement, actuated by hydraulic cylinders.

The HD FLOT is better able to facilitate the installation of Steel Tube Flying Leads than conventional FLOT's providing as it does a 60% higher load capacity.



# Heavy Duty Flying Lead Orientation Tool (FLOT)

Torque Tools and Accessories



Specifications		
Dimensions	Length	865mm
	Height	402mm
	Width	440mm
Weight	Weight in air	104Kg
	Weight in water	76Kg
Torque	Maximum Pitch Torque	2820Nm
	Maximum Roll Torque	1340Nm
Hydraulic	Pressure	210 Bar
	Flow	20 LPM
Movement Range	Tilt up/down	+/-90°
	Roll	+/-15°

System Components		
Transit case	Sling set	
Operating manual	Mounting adaptors improviser TT	
FLOT	Mounting adaptors TT	
Hydraulic hose set		