

Technical datasheet

SOCOT Flex (Safe Oil Conversion for Offshore Turbines, Flexible Version)

Introduction

Use the SOCOT Flex for safe oil change at heights.
The Ocean Team SOCOTFlex is operated from WTG transition pieces independent of service vessels.

Ocean Team's SOCOTFlex-concept is developed and designed focusing on safety and environmental aspects, working closely together with the technical demands for an efficient and pure oil change.

SOCOTFlex is a wind compensated hose reel unit in aluminum frame designed and approved for harsh offshore purposes according to DNV 2.7-1 Maritime Standards, fulfills safety and environmental regulations, as well as being useable for on/off loading from service vessels to platforms and drop tested for this purpose.

The need for lifting to a fixed offshore point, as storing the unit on a service or accommodation platform in a wind park makes it possible staying offshore for longer periods in remotely located offshore wind farms. The hose reel is wind compensated by an automatic tensioning system.

The unit has integrated filter systems ensuring purity of the oil according to the turbine manufactures recommendation.

OTS item number.: 9000-481



Features

- 100 m. load tested double layer high-pressure hose
- Closed system provides clean oil and minimized environmental risk
- Aluminum walls protect the content
- Task specific filter specifications
- Can handle a variety of liquids with different pump applications (gear and Hydraulic oils and cooling liquid)

Capacity & performance

Power Supply	230V 50Hz, 16A
Max. Flow	10 L / min
In/Out connection	1 1/2" BSP60° / 3/4" BSP60°

Safety features

- **Integrated drip tray**
- **Complies with:**
 - DNV 2.7-1
 - IMO MSC/Circ. 860
 - EN-12079
- **IP Class 55**

Weight & dimensions

Length	1850 mm
Width	1000 mm
Height	1300 mm
Gross Weight	550 kg