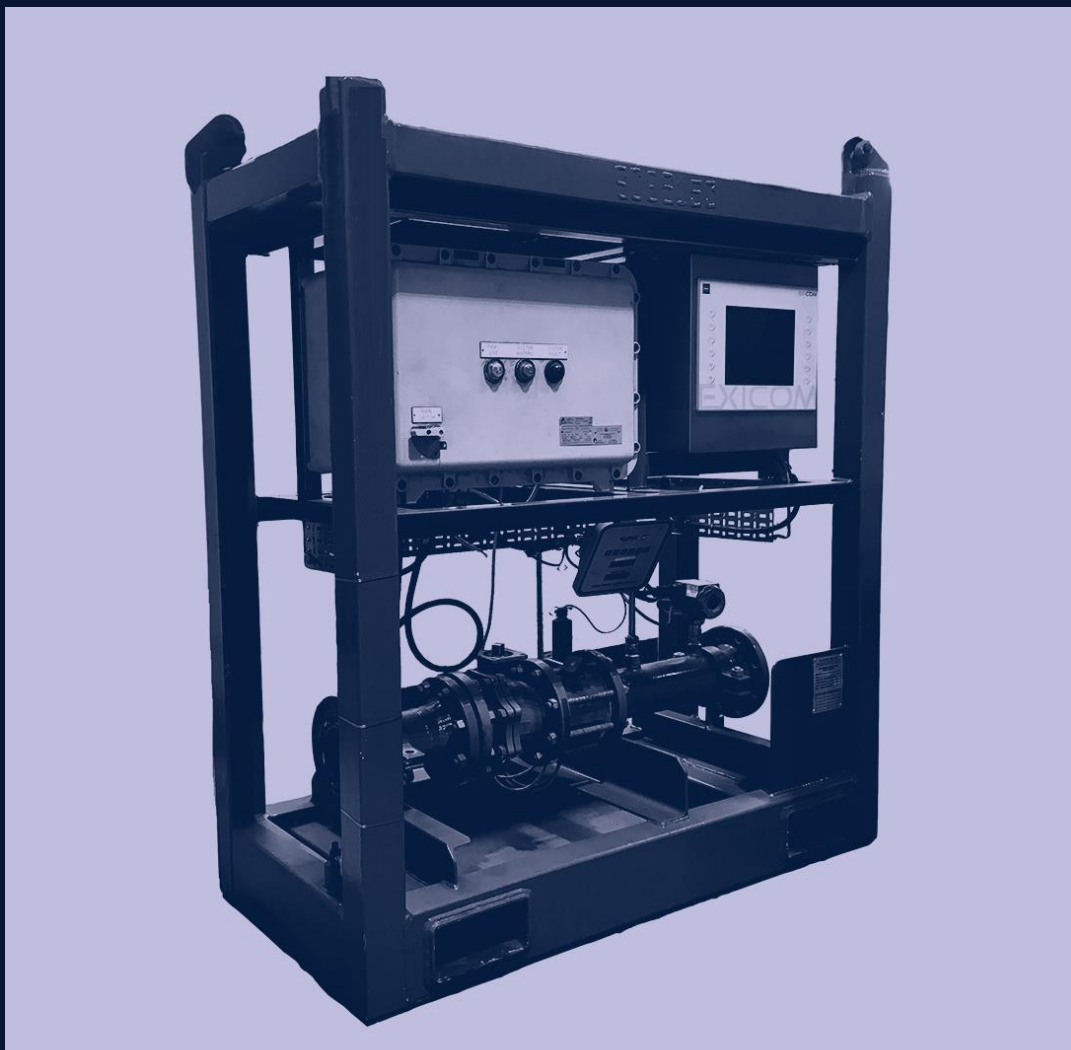


# AutoCul

Remote temperature control monitoring





**Cooling of the drilling fluid is an essential part of the safety and financial aspects in drilling high pressure/high temperature wells.**

OSSO's unique system, AutoCul, provides continuous remote temperature monitoring offering the user improved control of the downhole mud temperature and providing greater accuracy with instant data reporting.

Supplied skid mounted for ease of transport and installation AutoCul can be operational in the shortest possible time. The product's efficiency in the effective treatment of mud heat transfer is well documented and its ease of access allows for ready maintenance programmes.

**Features**

- Plug and play module
- Touch screen for automatic mud control temperature setting
- Remote operating and monitoring

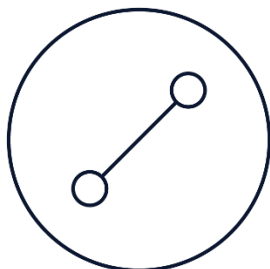
**Benefits:**

- Removes risk of overcooling by maintaining consistent mud temperature at surface
- Increases efficiency of well fluids by supporting mud rheology
- Reduces operator interface with remote data monitoring
- Improves accuracy of performance results by maintaining a constant temperature within 0.6°C
- Supports HSE targets by reducing harmful vapors in mud system

**Technical data**

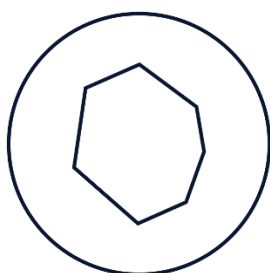
- Manufacturer OSSO Limited
- Atex Zone IIB
- Capacity sea water 300m3/hr
- Flow meter 4"MC-II flow analyser
- Inlet/output flanges 4"ANSI 150LB
- External dimensions 1350x660x1590mm
- Weights Max Gross weight: 560kg  
Max Tare weight: 360kg  
Payload: 200kg
- Design temperature -20C/ 70C°
- Power Max Voltage 240v – 180v  
50/60Hz 10A
- Build design Accordance with 12079

## Our Services



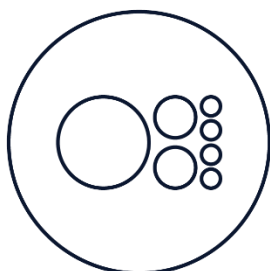
### Consultancy

- Technical authorities
- Highly skilled and competent field engineers
- Unrivalled service
- Survey and inspection
- Fluid and fuel analysis



### Fluid Temperature Control

- Onshore mud-coolers
- Offshore mud-coolers
- Zone rated equipment
- Design and development
- Remotely operated coolers



### Fluid Separation

- Decanter centrifuges
- Disk stacks
- ATEX rated
- Zone rated
- Compliant with global standards



### Repair and Maintenance

- OEM spare parts
- Servicing
- Repairs
- Refurb
- Maintenance programmes
- PHE service centre