



www.task-es.com

ONM-SERIES

MUDCOOLER

ONSHORE MUDCOOLER

- **Widely deployable – suitable for extreme ambient temperatures**
- **Environmental friendly – highly efficient sound isolation**
- **Sustainable – engineered to protect the environment**
- **Flexible – modular system allowing increased performance by installing additional units.**

Task Environmental Services
Worldwide BV
Magelhaenstraat 16
7825 VK Emmen
The Netherlands

T +31(0)591-210220
F +31(0)591-210221
E info@task-es.com
I www.task-es.com

We get the task done!

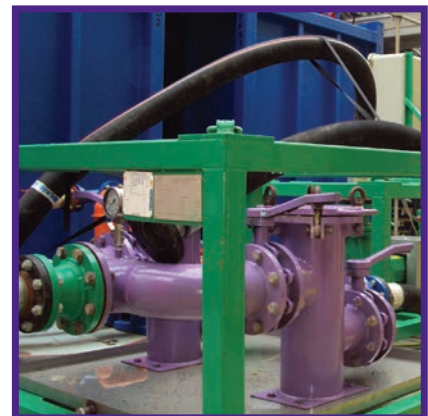
ONSHORE MUDCOOLER

Mud cooling is essential in most HP/HT Geothermal drilling operations and geothermal well testing. Drill bit friction, down hole formation temperatures and other factors increase mud temperatures, changing physical properties of the mud, which may create hazards for the safety of personnel and drilling/well equipment.

Task is a company of specialists dedicated to avoiding these hazards and increase the service life of drilling and well equipment. One of our specialties is mud cooling, and the Task mud cooling equipment has a number of features to maximize performance and reliability, at the same time ensuring environmental protection against leakages and other hazards. We specialize in both offshore mud cooling equipment based on the use of sea water as a main cooling agent and in onshore mudcoolers using air as a main cooling agent in combination with a closed circuit cooling system and optionally a compressor type cooler.

The Task onshore mudcoolers are based on a two step closed loop cooling design. The hot mud is passed through a plate heat exchanger, where a circulating water glycol mixture or water absorbs heat from the mud. Fan-cooled radiators lower the temperature of the cooling agent in turn, allowing efficient operation and secure well conditions. This system can be expanded by a compressor type cooling module to increase performance.

Task mud cooling equipment is designed to consider the environment and operational as well as working conditions. Design and construction of the equipment guarantee optimum drilling conditions; if required enclosures and sound baffles for a further reduction of noise levels for crew and site surroundings.



Technical Details				
Model		ONM-IS 1000	ONM-IS 1500	ONM-IS 3000
Dimensions				
Length	mm	6000	6000	6000
Width	mm	2450	2450	2450
Height (total)	mm	3000	5600	5600
Weight (total)	kg	16000	16000	16000
Cooler Specs				
Flowrate	ltr/min	2500	2500	2500
Mud Density	kg/ltr	1,85	1,85	1,85
Design Inlet Temperature	°C	85	85	85
Design Outlet Temperature	°C	75	70	60
Ambient Temperature	°C	20	20	20
Cooling Capacity	kW	1000	1500	3000