

Covering Oil, Gas and Hydrocarbon Processing

Saudi Arabia the push for ocalisation

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- The growing use of drones for aerial inspections
- > New developments in reservoir monitoring
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Ibrahim Al-Alawi, deputy CEO, AlMansoori Specialized Engineering, on coping with the challenges of the downturn See page 62

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Readership Profile & Circulation

Readership Profile

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Oil Review Middle East has the largest audited circulation of any magazine covering the Middle Eastern oil and gas markets. It has truly regional reach with copies distributed throughout the Gulf and North Africa to all the region's key producers and refiners.

As well as an audited print circulation throughout the region, additional copies are circulated at each of the region's major conferences and exhibitions such as **ADIPEC**, **MEOS** and the **SAOGE** as well as the leading events around the world, such as **OTC**.

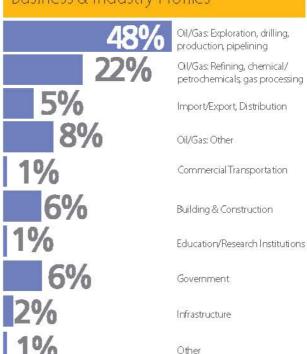
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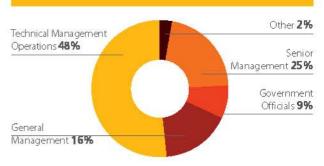
Total Average Net Circulation for audit period January 2014 - December 2014

9,005

Business & Industry Profiles



Readers' Job Profile



Circulation around the region

Algeria	236	Могоссо	12
Azerbaijan	41	Oman	541
Bahrain	316	Qatar	1,127
Egypt	602	Saudi Arabia	3,622
Iran	630	South Sudan	46
Iraq	1,114	Sudan	24
Jordan	43	Tunisia	71
Kazakhstan	32	Turkey	33
Kuwait	715	Turkmenistan	7
Lebanon	38	UAE	2,354
Libya	+	Yemen	104
Energy may be servered			44

Total in the region	11,708
Circulation outside of the region	526
Print Run	12,234

Tough vehicles for demanding applications

TANK International Petroleum Equipment and Instrumentation Co. (TANKCO), a Kuwaiti company engaged in the business of petroleum equipment, oil services and instrumentation, is bringing new products to the Middle East.

Mobile fire fighting support vehicles

AT INTERSEC 2016, TANKCO will unveil the LUF 120 and LUF 60 remote-controlled fire fighting support machines for the Middle East market. The LUF family of remotely operated fire fighting support machines are designed to be sent in advance of fire fighters to clear a safe path for them. Designed with different features and capabilities, these highly flexible and easy-to-handle mobile machines are manufactured in Austria by LUF, which is part of the Bruno Walters group.

A strong machine for strong fires

The LUF 120™ is one of its kind in the region and is a leader in fire fighting procedures. This machine has been built to cope with large fires, with an extinguishing capacity up to 12,000 litres water per minute through the main monitor. This machine is motorised with a 450 HP V6 diesel engine. The two pump units inside the machine are hydraulic driven to throw the water out of the main monitor in the direction of the seat of the fire. The radio remote-controlled LUF 120[™] operates even in the most challenging of fires, for example refinery fires.

The 350° rotating and +20° till +80° vertical adjustable main monitor enables the operation units to get the situation under control, so the rescue teams can follow safely right up to the seat of fire. High mobility as well as flexibility are guaranteed by a crawler track system which is easily capable of "bulldozing" a moveable barrier out of the way.

Despite the solid construction, all components are accessible and maintenance-friendly. The construction of the machine allows operations at extreme heat and low oxygen of the ambient air.

The LUF 60™ wireless remote controlled mobile fire fighting supporting machine clears the path for advancement up to a distance of 300 m by incorporating a high capacity positive pressure ventilator and a "water beam" fog. This combination clears away smoke, heat, toxic gases and reduces the intensity of the fire, allowing fire fighters and rescue teams to follow safely. State-of-the-art control elements ensure easy handling and high precision operation.

At a fire test in an Austrian tunnel, the temperature beneath the tunnel's ceiling was lowered from more than 1,000°C to 150°C within around five minutes by using the LUF60, says the company.

The diesel-powered LUF 60™ is a rugged machine that can withstand the rigours of severe operating conditions and confined spaces. High mobility as well as flexibility are provided by a crawler track system, which enables it to go up and down stairways as steep as 30°, while it is capable of 'bulldozing' a normal family car out of

State-of-the-art control elements enable easy handling and high precision operation. The radio-controlled unit has additional back-up manual controls in the event of a power supply failure.



The LUF 120^{rm} in action

Applications in a variety of situations include road, rail and subway tunnels, aircraft hangers, chemical, industrial and power plants, warehouses and commercial buildings

Meanwhile, the newly developed LUF-Mobil can easily break down barriers in traffic as well as in nature, as it can move through snow and forests.

ARGO all-terrain 8-wheel drive amphibious vehicle

The ARGO all-terrain 8x8 XTD is an 8-wheel drive amphibious offroad vehicle designed for demanding commercial uses. It benefits from large payload capacity, a tubular steel frame, sealed axles and comfort for staff.

Its low operational weight, coupled with efficient ADMIRAL steering transmission, makes this the ideal vehicle to transport people and equipment through the harshest terrain, says the company. With integrated frame mounting locations and universal mounting accessory, adding tools or equipment to the rear of the vehicle is convenient, simple and quick. Adding rubber tracks makes this the best-in-class vehicle when the task is off the beaten path, adds the company. It is available in tracked or non-tracked configurations

This vehicle is powered by a 1028 cc liquid-cooled, three cylinder Kohler Lombardini naturally aspirated diesel engine. The engine provides 24 hp and 36.9 lbs ft of torque to the ADMIRAL two-speed transmission. It has a load capacity of up to 608 kg on land or 381 kg on water. It can transport up to four passengers on land and two on water and features a towing capacity of 907 kg

These vehicles, along with the ARGO's big brother, the CENTAUR, are manufactured by Ontario Drive & Gear Limited (ODG), Canada, a world leader in amphibious vehicles.