



FLEXIBLE SOLUTIONS FOR YOUR EQUIPMENT NEEDS

DEWATERING SERVICES | GENERATOR SETS | TRAFFIC AND INFORMATION MANAGEMENT SYSTEMS | FUEL TANKS AND STORAGE SYSTEMS

ARABIAN EQUIPMENT DEWATERING

FLEXIBLE SOLUTIONS FOR YOUR EQUIPMENT ARABIAN EQUIPMENT RENTALS

Flexible solutions for your equipment Arabian Equipment Rentals (AER) has all the expertise you need when it comes to your dewatering and pumping requirements. An excellent range of pumps and pumping systems, backed up by many years of project and site experience ensures that AER always supply the right equipment with the right advice to make sure that your project is completed successfully. AER carry one of the largest pump and dewatering fleets in the Middle East, and all of this is kept meticulously maintained at our premises to ensure maximum reliability and performance, and all on a ready to use basis.

AER offers a wide range of effective and innovative pumping solutions through design, installation and management of dewatering systems.

All the equipment used by AER has been designed to meet the harsh conditions of the Middle East. Our pumps feature stainless steel internal parts that make them corrosive resistant and feature control valves to continually 'trim' the system ensuring maximum efficiency.

- Dewatering Services & Installations
- Contractor Pumps
- Sound attenuated canopies - silent solution
- Electric driven pumps
- High head, high pressure pumps
- Electric submersibles Hoses & accessories
- National & International projects



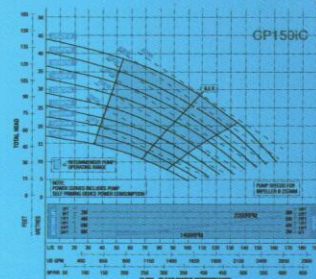
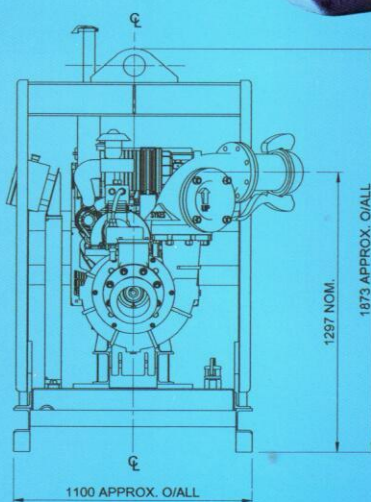
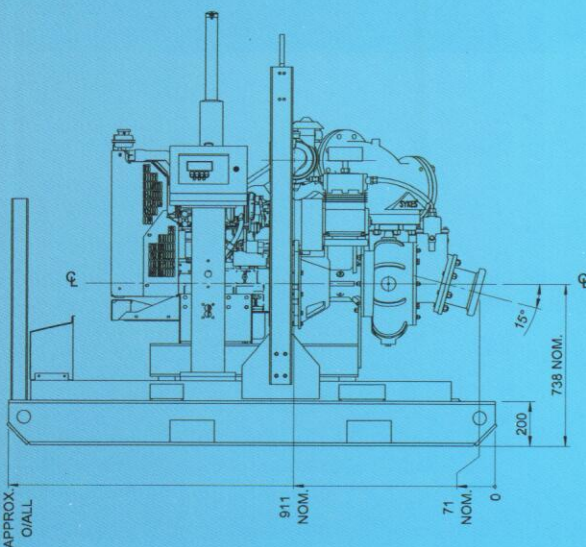
ARABIAN EQUIPMENT PUMP TECHNICAL DATA

FEATURES

- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Dry self prime and reprime
- Close coupled SAE Bearing Frames
- Suction lifts to 9m
- Operates in 'snore' conditions
- Vacuum Priming option available for ground dewatering
- Diesel, electric or hydraulic drive
- Solids handling
- Simple maintenance
- Replaceable wear parts
- Chassis - skid, road tow, wheeled, caged
- Powered by Perkins or Cat Engines
- Other engines available on request
- Custom build available
- Sykes purpose built Control panel

APPLICATION

- Construction
- Environmental
- Industrial
- Mining
- Clean Water
- Sludge
- Slimes
- Sewage
- Solids laden liquids
- Ground Dewatering
- Pipeline & Drilling
- Jetting
- Quarries



Dry Weight: 1160 kg
Fuel Capacity: 250 litres

TECHNICAL DATA

MATERIALS OF CONSTRUCTION

Pump Casing:	S.G. IRON 400/12
Suction Cover:	S.G. IRON 400/12
Air Separation Tank:	S.G. IRON 400/12
Bearing Bracket:	S.G. IRON 400/12
Pump Shaft:	431 Stainless Steel
Impeller:	316 Stainless Steel
Wearplates:	316 Stainless Steel
Mechanical Seal:	Silicon Carbide
N.R.V. (Ball Type):	S.G. IRON 400/12

DESIGN DETAILS

Single Stage, end suction type, 2 cane fully open impeller, Centrifugal pump	
Suction Flange (mm/in):	150/6
Delivery Flange (mm/in):	150/6
Solids Handling Size (mm/in):	77/3
Maximum Head (m/ft):	44/144
Maximum Capacity:	163 L/sec

FUEL USAGE (L/HR) @ BEP

Speed (rpm)	Power Usage (kW)	Fuel Rate (L/hr)	Run Time (hrs - 250L fuel tank)
1400	12	2.96	84
1800	24	5.93	42
2200	44	10.87	23

CALCULATIONS BASED ON 210 g/kwhr



DIESEL GENERATOR SETS

RELIABLE AND RUGGED PRODUCTS FOR HARSH ENVIRONMENTS

AER has an excellent range of diesel generator sets available for rental. All of these units are equipped with world class Cummins diesel engines, and range from 50 kVA to 750 kVA. They are locally serviceable and ruggedly packaged. The fleet is suitable for harsh environments and designed for durability and reliability.

They are oversized where necessary, (e.g. cooling system, 3-phase alternator) with noise levels at 80dBA at 1 metre, along with a 50/60 Hz option available on request.

Units up to 200 kVA are equipped with DEIF/Cummins controllers and MCCB panels for standalone applications.

Starting from 250kVA and above, all the units are individually equipped with the latest DEIF controllers and parallel switch gears making each unit capable for synchronizing and load sharing options.

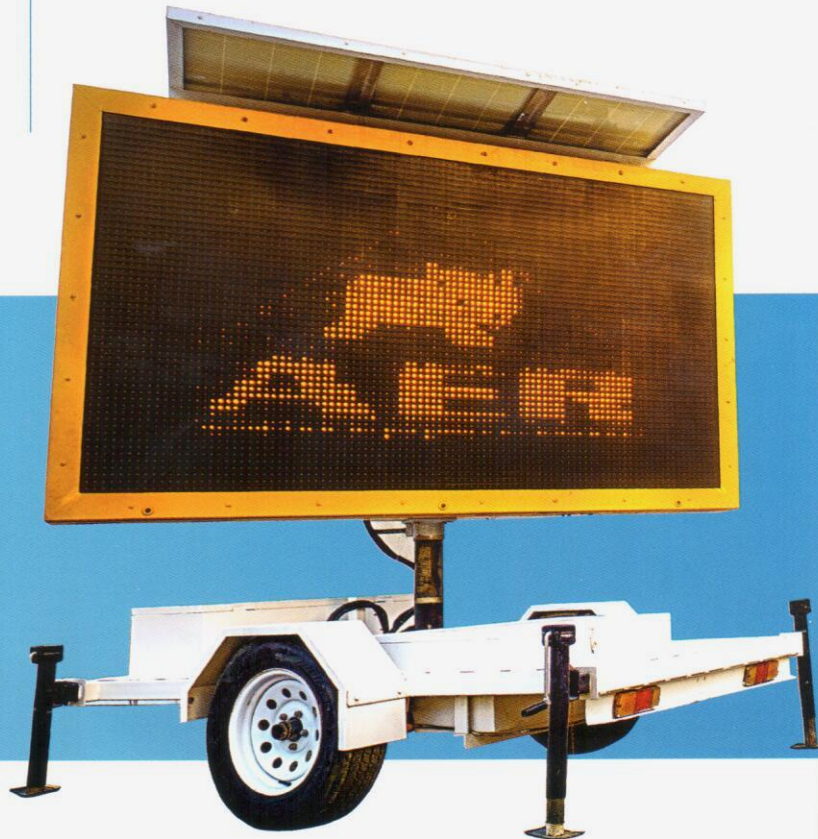
- Generator Sets
- Diesel Generator Sets
- Cummins Engines
- 50 kVA to 750 kVA
- 50/60 Hz options

TRAFFIC MANAGEMENT AND INFORMATION MANAGEMENT SYSTEMS

AER has an excellent and unique range of traffic management and information management systems for a wide variety of applications where temporary or additional information is required. These are extremely useful for special events, road building and repairing projects, lane closures and any situation where additional information is required such as car parking or a change of protocol.

The fleet uses the latest LED technology and computer programming to ensure that your messages, information and traffic directions are seen clearly and instantly from up to 500 metres away. Our experienced technicians provide accurate information and the best solutions for your requirements. Flexible solutions for your equipment needs

- Traffic calming
- Traffic control
- Speed awareness
- Variable message signs
- Solar powered temporary light solutions Multiple language options including Arabic LED technology
- Computer programming



TRANSPORTABLE FUEL TANKS

Two sizes are available, 959 litres and 3000 litres capacity Bunded ADR approved For rapid and legal fuel transportation and deployment



- These are available in two sizes;
 - 959 litres capacity
 - 3000 litres capacity
- Arabian Equipment fuel cubes are Bunded ADR approved IBC's (Intermediate Bulk Container).
- Designed and approved to AS 1692 and AS1940
- United Nations UN31AY packaging approved
- PPG2/PPG26 Approved
- ADG Designed and Approved
- Designed to SANS requirements
- Designed to UL/ULC requirements
- Designed and approved with CSC certification – Container Design Specification
- 125mm radius roof/walls/floor for strength and maximum storage
- Strong and light design
- High quality marine paint finish
- Designed to avoid pooling of water
- Suitable for road, rail, sea or air transportation
- Weatherproof
- Colour is AS2700 "Colour Standards for General Purposes" N14 White
- Supplied with statutory decals
- Integrated fork lift pockets
- Suitable for diesel, petrol, and lubricants

OUR PHILOSOPHY

Arabian Equipment Rentals LLC provides a cost effective, reliable consultancy service. You can rely on our extensive experience in the industry to ensure we can pull together your project in a professional, timely and cost effective manner:

Our focus is purely on industry related engineering and project work. Accordingly we provide our customers with focus and expertise in our specialized fields. Do not entrust your projects to generalists, work with a company who know their business – AER.

AER is a multi-disciplined engineering based consultancy business established to provide customers with a complete range of services across our product groups:

- Dewatering Services
- Generator Sets
- Traffic and Information Management Systems
- Fuel Tanks and Storage Systems

We are aware that customers sometimes lack options in the Middle East, and prefer to engage the services of a professional solutions provider to facilitate their project solutions.

WHY RENT?

- Short term rental
- Long term lease

If you are buying capital equipment or machinery, paying for it in advance can have a serious impact on cash flow. And after five years you are left with a seriously depreciated asset that may have a limited working life left.

Renting can help reserve cash for other areas of your business, for projects and expenditure that offer better business returns, or simply represent a more efficient use of business resources.

It is a prudent fiscal policy to invest as little as possible in depreciating assets and as much as possible in appreciating assets. Renting provides a compelling business case for keeping the costs of depreciating assets down whilst at the same time passing that cost and the risk of obsolescence to a third party equipment and solution provider like AER.

WHY AER?

- System design
- Engineering
- Compliance
- Consultancy
- Approvals
- Site Auditing
- Facilitation
- Project management
- Support
- Site installation and commissioning



ARABIAN EQUIPMENT DEWATERING
LOCATION MAP

SAUDI ARABIA

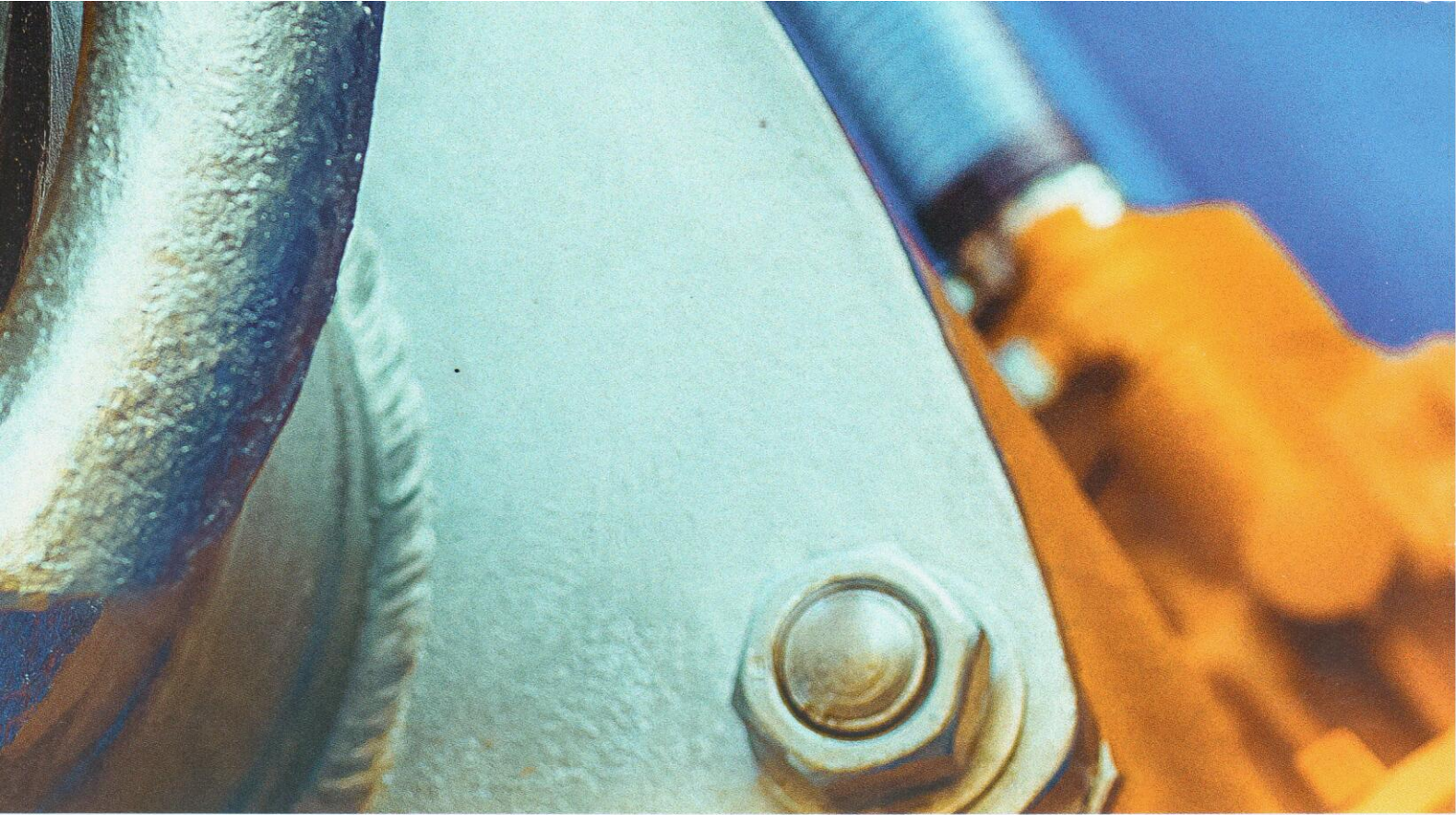
QATAR

BAHRAIN

UAE

OMAN





Arabian Equipment Rentals can be contacted 24 hours a day, 7 days a week, ideal for when emergencies arise or you suddenly have equipment needs out of hours.

Arabian Equipment Rentals' fleet is constantly being upgraded – please call for the latest information.

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AER is a COCO group company

