

# TRAILERSPACE

**SPACEMAKER**

**BYRNE**

**TECHNICAL SERVICES**



spacemaker.ae  
byrnetechnical.com

# Introduction

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Spacemaker was founded in the UAE in 1990 and since then has grown to become one of the highest quality modular building construction suppliers in the Middle East.

A turnkey solution provider, able to deliver off-site **prefabricated modular building solutions** without having to rely on third party providers or sub-contractors.

All the engineering necessary is provided by our in-house team and we thrive on providing solutions to complex requirements.

Whatever the project and however remote, we can provide design, manufacturing, logistics, installation and maintenance.

Our innovation strategy ensures **creative solutions and the newest of technologies** are considered for every project.

Supported by our sister company Byrne Equipment Rental, one of the largest plant and equipment rental companies in the Middle East with 19 operational bases, covering the UAE, KSA, Kuwait, Oman and Bahrain and a fleet of over **14,000** items of plant and a team of **over 1,500 people**.

Byrne Equipment Rental's product range is built upon a successful 'single source solution' model approach, satisfying all equipment rental requirements across multiple industries. The rental fleet is constantly updated to carry the latest brands of equipment and technology, **enabling operational efficiency through equipment rental and lease solutions**.

# Product Range

**RIGSPACE****RAPIDSPACE****ECOSPACE (+)****EASYSACE****FLATSPACE****CONTAINERSPACE****OFFSHORESPACE****LUXSPACE****TRAILERSPACE****BALLISTICSPACE****BLASTSPACE****eSPACE**

Spacemaker provides modular buildings for a variety of uses across a range of industries in the Middle East.

Our tailor-made engineering solutions can be used for simple or complex purpose-built structures including oilfield camps, office buildings, warehouses and schools.

Because we offer a turnkey service, there is no reliance on third party providers or sub-contractors which means projects that require fast-track turnaround are able to delivered in the shortest of times.

# Quality

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It is Spacemaker's policy to identify the requirements of our customers and provide a service that meets or exceeds these requirements by the use of processes, materials, or products that avoid, reduce, or control pollution and comply with relevant laws, standards and regulations applicable to our business.

Our internal quality procedures adhere to the highest standard in the industry - from detailed documentation of material procurement to thorough certified inspections. This internal process ensures the highest quality of workmanship is met at all times.

## ISO Certification

Recognising the hazards present in our industry, we take every practical step to provide and maintain a safe and healthy work environment for all employees, subcontractors and visitors who may be affected by or come into contact with a Spacemaker project.

At Spacemaker our structured process for managing quality, health, safety and environmental activities in compliance with ISO certification is consistent with QHSEMS standards. Our QHSE management system procedures are documented to ensure our activity, conditions and tasks affecting quality, health, safety and environmental protection are planned, organised, executed, reviewed and improved.

## Our Certifications

<b>ISO9001:2015</b> (Quality)	<b>ISO45001:2018</b> (Health & Safety)
<b>ISO14001:2015</b> (Environment)	<b>ISO17065</b> (Product Certification – fire rated wall panels)

# Capability

The unique TrailerSpace product line fulfils the requirements of the geo-technical and exploration sectors allowing customers to focus on their primary activities using a purpose-designed mobile unit.

With re-location being regular occurrence, it is critical to have a robust, heavy duty and well-engineered product that provides a variety of accommodation such as workshops, temperature controlled areas (e.g. freezer/chiller), water tanks, ice makers, fuel storage, utility trailers, toilets and showers and sleeper trailers.



# Technical Info

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Heavy-duty suspension systems and a hybrid chassis ensures the durability of the trailer on rough terrain.

The furniture, equipment and materials used have been handpicked by experienced industry professionals ensuring both design and specification deliver an efficient solution to our customers.

Sizes range from standard 12m to customised 14m and 17m trailers.

- Highly durable with options for off-road trailers
- Flexible design with trailers up to 15m long
- Built to withstand harsh terrain and weather
- Specialist paint systems for longevity
- Limited maintenance required, spare parts easily available
- Self-sustainable to include power with fuel system, HVAC, water storage and sewage management
- Practical and aesthetically pleasing (interior and exterior)
- Steel external and sandwich panel options available
- Towable options available / Gooseneck trailers
- Furniture and equipment are provided
- 60hz and 50hz options available to comply with British and American standards
- Built to meet ADNOC, PDO, Aramco and KOC standards

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# Case Study

## Project – Seismic Study Algeria / Nigeria

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Spacemaker was awarded a flagship project to support seismic study activities in several areas of KSA.

The project entailed building approximately 300 self - sustained rugged TrailerSpace units with maximum durability to withstand harsh climate conditions.

The units were purpose manufactured from our KSA manufacturing facility and included accommodation (senior and junior types), kitchen and diners, freezers, ice makers and mud labs.





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# Case Study

## Project – ADHOC Units for Seismic Studies in Algeria and Chad

The TrailerSpace product line is a perfect fit for seismic study requirements. Due to its rugged technicality (precision engineered) and the sense of having everything in-built within the trailer, every single detail has been factored in to avoid major maintenance elements within a remote location.

The units were over 15m long including the utility areas (gooseneck) which provided the necessary space for the generators. Fuel tanks were specially embedded onto the trailer chassis adhering to all road regulations. The trailers had off-road type suspensions due to the areas it had to manoeuvre in.

In addition specialised systems had to be sourced externally from parts of Europe and the long lead items had to be addressed right through the initial stages of the program to ensure no delays to production.



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