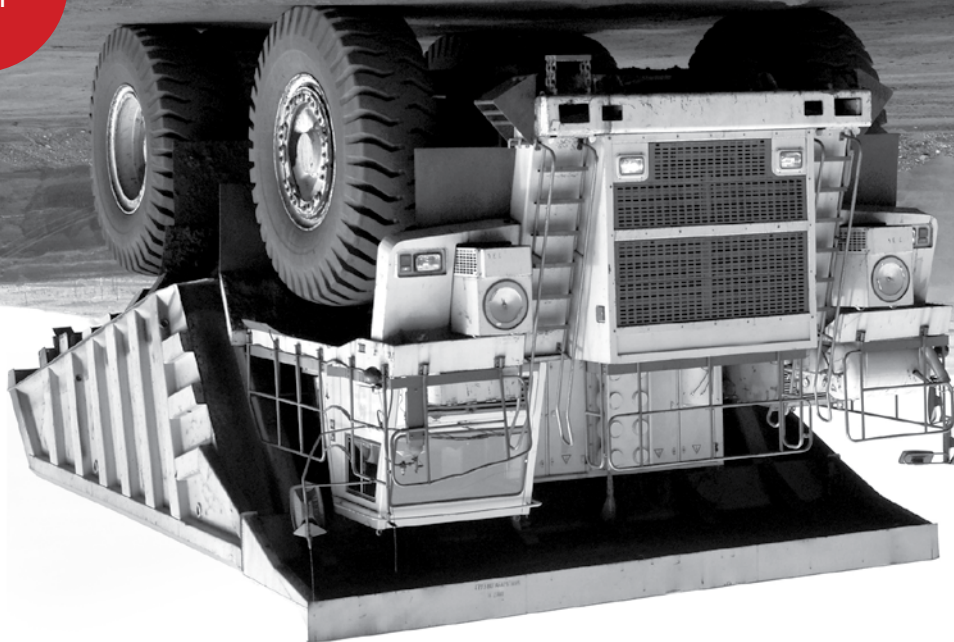


WEATHERING EXTREME CONDITIONS

HEAVY
DUTY



LORDAN
BEYOND THERMAL
ENGINEERING



The following shows some of the applications where our dedicated design and specialized manufacturing capabilities have successfully met unique coil requirements:

TRANSPORTATION MARKET

Trains
Buses and Coaches
Trucks
Ambulances
Freight Trucks
Refrigerated Containers
Heavy-Duty Vehicles
Military Vehicles
Off-Road Vehicles

MILITARY MARKET

Land Combat and Transportation Vehicles
Field Hospitals
Mobile Technical Shelters

ENERGY INDUSTRY

Oil and Gas Rigs
Mining Equipment

MARINE EQUIPMENT

Ships
Submarines
Off-Shore Oil and Gas Rigs
General Marine Environment



HEAVY DUTY HEAT EXCHANGE APPLICATIONS

Since 1958 Lordan has been specializing in developing heat exchange applications for the transportation, military and energy industries, where products are stretched to their mechanical limits and submitted to harsh environmental conditions.

In the face of sub zero cold Antarctic winds, sun baked deserts, tropical climates and harsh mining sites, our heat exchange designs and custom made coils for climate control systems are built to deliver maximum performance, value and reliability in the most extreme conditions. Our applications withstand exposure to sand, salt, sun, water and wind, and are built to endure demanding marine conditions, strong mechanical vibrations, and extreme climates.

Our experienced engineers will work with you to identify specific requirements and come up with creative approaches to the design of your heat transfer technology. We utilize eco-friendly, lightweight or especially strong materials, specialized coatings and features such as slanted coils to fit specific areas, and a variety of fin surfaces (patterns and shapes) into all our designs.

WHAT WE OFFER THE HEAVY DUTY MARKET

As the global village becomes smaller, the transportation industry is faced with greater challenges. Our custom made heat exchange designs travel the world on the roof of passenger transportation vehicles, emergency response vehicles, cargo transporters and refrigerated containers, heavy vehicles (used in construction), off-road vehicles, and the like.

The military industry depends on controlled environments to protect their equipment and staff. Our HVAC applications are put to use in land combat and transport vehicles and in field hospitals and mobile technical shelters set in military zones and for humanitarian missions.

Our durable coils and special corrosion resistant coatings have been put to test on energy extraction projects for the petroleum and mining industries, and are especially suited to demanding marine environments. Lordan designs can be found on oil rigs at sea, heavy mining equipment that undergo rigorous handling in corrosive environments, all types of marine equipment and shipping vessels.

WHERE QUALITY SOLUTIONS MEET FLEXIBLE SUPPLY

Our fin and tube coils are manufactured in fully compliant* production facilities suited to single and large series production. Our 12,000 square meter plant can produce over 2,000 different designs a year.

We conduct helium leak tests at an internal pressure of 42 bars to selected production lines as part of our quality assurance. Helium tests provide the highest level of accuracy in detecting the smallest leaks.

With a wide global customer base, we put in place a sophisticated Vendor Managed Inventory (VMI) system to ensure our customers the best service level and delivery flexibility. We have production bases located in Israel's Galilee region and in Whales UK, and local representation and warehouses in the markets and regions we serve, namely Europe, the US, Australia and Asia.

*Lordan holds ISO 9001-2008, ISO-14001 certification and has been UL certified for all standard refrigerants to the UL207 heat exchanger pressure standard since 1999.



NAME YOUR REQUIREMENT – WE HAVE THE EXPERTISE TO MEET HEATING, COOLING AND REFRIGERATION CHALLENGES WITH TOP QUALITY, ENERGY EFFICIENT SOLUTIONS, BASED ON TECHNOLOGICALLY ADVANCED FIN AND TUBE COILS SUITED TO THE SPECIAL NEEDS OF OUR CUSTOMERS.



**REDUCED
REFRIGERANTS**



**VOLUME
SAVING**



**ENERGY
SAVING**



**RECYCLED
MATERIALS**



ROHS



**REDUCED CO₂
FOOTPRINT**



**LOW
MAINTENANCE**



**REDUCED
WEIGHT**



**BUILT TO
LAST**

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