

TAILOR MADE HVAC/REFRIGERATION SOLUTIONS



Battery
Containers
BESS



E-Panels



E-Houses



Hydrogen
Production

#HVAC&Refrigeration #BESS #OneStop

#TailorMade #Offshore #Hydrogen



- 1 Outdoor E-Panel Cooler
- 2 Exproof Condensing Unit
- 3 Indoor unit, Ceiling Type CDST (EX/Safe)
- 4 Indoor unit, Ceiling Type CDT (EX/Safe)
- 5 Indoor unit, Wall Type WT
- 6 Air Pressurization & Filtering Unit (EX/Safe)
- 7 Package A/C Unit (EX/Safe)
- 8 Fancoil unit, GDT (EX/Safe)
- 9 Self Contained A/C Unit
- 10 Water Chiller Unit (EX/Safe)
- 11 Wall mounted A/C Unit (EX/Safe)



ABOUT US

Discover TMS, stands for “Tailor Made Solutions”

TMS was established in 2002 based on the experience gained in different/heavy industries since 1990 and serves as a solution partner for industrial and process cooling systems, applications with its successful history.

Our point of view is always to provide the most accurate solution!

We know you need more than just an equipment manufacturer. Therefore, we are much more than just a cooling system manufacturer. Our efforts are focused on engineering, design, quality, reliability, durability and on time in full. With this perspective, all of the solutions we provide are created specifically for you, from the equipment design to production, dimensions to working parameters. Thanks to our superior quality policies, it ensures long-term robust performance without any problems.

TMS offers you systems and solutions that will run smoothly in the toughest conditions. Highly corrosive ambient conditions, inclined to work with sea waves, very high and low environmental temperatures, high dustiness are among our daily routines.

Continuous Research for Product Development

With our R&D team with 14 engineers who are experienced in HVAC/R field, we combine our industry experience gained over many years to provide exclusive and tailor made industrial refrigeration solutions to our clients in various projects and locations.

With the contributions of Istanbul Technical University, our accredited Design Center provides innovative and extraordinary solutions to the maritime industry and many other industries. Each Tailor Made product is tested in our Test Laboratories under predetermined working conditions, and we constantly evaluate the results to confirm theoretical calculations of design aligned with practical output.

Quality Management and Production

We follow the ISO 9001:2015, ISO14001:2015 and ISO45001:2018 quality standards that we apply in each of our work areas and processes! A quality control plan is provided as a standard for all manufactured products, allowing processes to be seen with all transparency both within TMS and by customers.

Quality and Production departments consist of technicians and engineers who have been specialized in the HVAC/R sector over the years. All of the components used in our products are supplied from global brands that are known around the world and that have extensive footprint for service points and spare parts availability. Project-specific components can be selected by customer preference. While standard or customer-specific FAT (Factory Acceptance Tests) opportunities are offered, each product's PDI (Pre-Delivery Inspections) is completed beforehand.

Solutions are Certified in performance and quality!

All our products are CE, EAC certified as standard. Production can be carried out according to the NORSOK, SOLAS regulations which are required by the projects during production. In addition, RMRS, ATEX and IECEx certificates can be provided on project basis. TMS can produce all HVAC/R equipment in production as Ex-Proof for Zone1 and Zone2.

After-sales, YOU ARE NOT ALONE!

We have after-sales service in 34 of the world's most important ports. At these points, you can get the best quality and fast service on land and off-shore and easily reach the spare parts you need.

HSCX Series

Explosion Proof Water Chiller Units



HSCX series Ex Proof Water Chiller units deliver the desired water temperature within a large operational range for the environments at high risk of explosion.

HSCX series have wide of use for chilled water needs with specific temperatures in refineries, oil drilling rigs, offshore processing plants, chemical plants, mining and zones classified to have an explosion risk.

Tailored to fit to the requirements with structural design, performance and automation factory built-in.



Fancoil Units



Air Handling Units



VMU Series

Wall-Mounted A/C Unit



IRAX Series

Explosion Proof Package Type Air Conditioning Units



IAC Series Industrial Type Air Conditioners are widely used in industrial plants such as electrical and automation rooms, equipment rooms, pulpits-control rooms and cabinets, curing rooms, transformer rooms, laboratories, data processing centers, battery rooms, containers and shelters and various other industrial applications including maritime. Tailored to the special needs of any given working conditions and environments, the design can easily be altered and optimized on 18 points.

IHDO Heavy Duty Outdoor Industrial Type Air Conditioners are designed to operate 24/7 in container, shelter and electrical rooms without any problems under severe environmental conditions. Thanks to its plug & play structure, it is very easy to install, commission and operate, and it is user friendly. Ambient temperature can work up to +60 degrees. It does not need any piping or ventilation ducts. It is unique in its class with its emergency cooling function, free cooling and similar features when the power supply is cut.

Do you need to cool any area? Don't you have any infrastructure? Connect it to your wall and run it, it's that easy!

These units can be used in Steel and metallurgy, mining, Cement, Oil&Gas, Machinery, Energy, Marine, Defense industries.

IRAX autonomous Exproof Package type air cooled air conditioner series for the environment exposed to high risk of explosion. These units deliver complete air management for the needs of cooling, heating, ventilation, dust and chemical filtration and pressurization in control rooms, crane cabins, containers-shelters, e-houses and electrical cabins .

Different variants of IRAX are available, such as Package AC unit, Portable and/or Emergency AC unit, Mobile AC unit with trailer, Crane AC unit and moreover.

IRAX are designed to fit for purpose with their structural design, performance and built-in automation characteristics.

ISAX Series

Explosion Proof Split Type Air Conditioning Units

ISAX autonomous Exproof Split type air cooled air conditioners delivers cooling, heating, ventilation in control rooms, crane cabins, containers-shelters, e-houses and electrical cabins located at high risk of explosion environment.

ISAX units consists of outdoor and indoor unit/s. Indoor unit types and quantities vary depending on availability in applied areas.

There is also availability to design/produce particular outdoor or indoor unit without being explosion proof feature when the related area is safe in order to reduce the costs.

ISAX are designed to fit for purpose with their structural design, performance and built-in automation characteristics.



WT Indoor Unit



CDT Indoor Unit



CDST Indoor Unit

ISC Series

Self Contained A/C Units



Remote Air Cooled Condenser

TMS presents its long years of experience and knowledge in Marine, Steel and other heavy industries in a new generation Self Contained A/C unit. (ISC)

You can connect to the system anywhere in the world, change the operation parameters, troubleshoot and log datas. You can make all system settings on the touchpanel. Fan and plenum sections can be separated from the body so that you can easily fit them even in the tightest places. Since all panels of the device are detachable, you can easily perform maintenance operations.

The new type ISC unit uses the most environmentally friendly refrigerants in the market. The product, in which the use of R513a refrigerant with a GWP of 631 is implemented for the first time, can also be manufactured with conventional refrigerants R134a and R407c, if requested.

Device components such as Shell-Tube or Air cooled condenser, which provide ease of maintenance, are firmly fixed to the body or remote and all parts that emit vibration are equipped with vibration absorbers. Condensed water pans are made deep with stainless steel material. All cables for the system used are halogen-free.

It offers multiple different heating features with thermal oil, steam, electric and hot water. The new generation ISC series, which have the widest cooling capacity range in the market, are produced to operate with dual voltage 400VAC/50Hz and 460VAC/60Hz.

PKS Series

E-Panel Coolers



Outdoor/Exproof E-Panel Coolers

PO Heavy Duty Outdoor Type Panel Coolers are designed to operate in severe ambient conditions. TMS provides solutions for an abundance of applications. PKS PO units operate with inherent long term stability and accuracy, as our products are designed and produced to fit the highest quality requirements in the harshest environments.

PI Indoor Type Panel Coolers are designed to operate with inherent long term stability and accuracy. Our leading solutions offer great efficiency in panel cooling systems not only to enhance durability and reliability, but also provide significant cost savings, quick product installation and ease of maintenance.



Indoor E-Panel Coolers

APU Series

Air Purifying and Pressurization Units



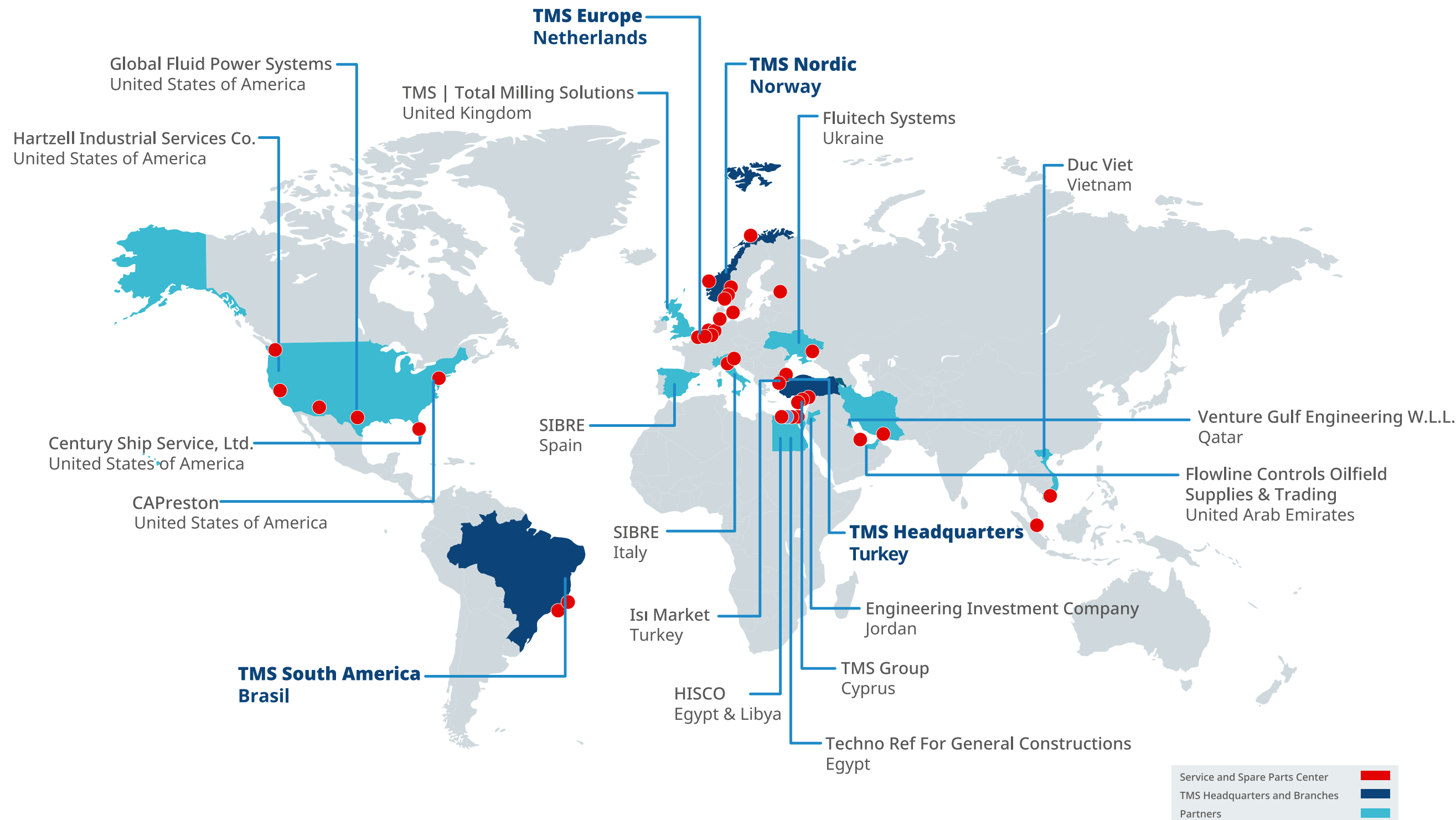
APU units are widely used in industrial plants where needed such a precise air quality. Air filtering level of dusts starts from EU4 class and depending on the need reaches until U17 class. Air pressurization is an option with two ways; with pressure differential switch and electronically controlled fans through pressure differential sensors.

Corrosion elimination is taken seriously with APU units, such as body structural material changes, chemical media filtering with Carbon and Oxidant filters. TMS Engineers bring you the most optimized chemical filter mixture in order to absorb the chemicals at the same time and obtain the filter changing frequency accordingly.

The operation temperature range, one of the largest in the market, is between -40°C and +95°C. APU units are fully customizable upon the needs and the requirements of the projects. Absorbing residual dust, harmful gases and odors, APU Series are perfect to be used in such environments where human health is of high importance, as well as for equipment protection.

Would you like to filter all the hazardous gases which are specifically listed for your premises? Do you need fresh air supply for the people working in those areas? Do you want the dust and corrosion in your environment? Well, APU is an absolute answer!

TMS GLOBAL



TMS HEADQUARTER | TURKEY

TMS Endüstriyel Soğutma San. Tic. A.Ş.



TMS EUROPE | NETHERLANDS

TMS Industrial Refrigeration Europe B.V.



TMS NORWAY

TMS Nordic AS



TMS BRAZIL | SOUTH AMERICA

TMS South America



**TMS HEADQUARTER
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