



SOLVING COMPLEX FABRICATION PROBLEMS



Connecting technology with contract manufacturing

RAM, a division of TITAN Metal Fabricators fabricates pre-engineered OEM designed equipment and ASME Code pressure vessels / tanks and systems in the following corrosion-resistant alloys:

- Stainless Steel
- Duplex Stainless Steel
- Inconel
- Monel®
- High Nickel Alloys
- Hastelloy®
- Titanium
- Zirconium

Our equipment is found in the following industries:

- Chemical
- Petrochemical
- Oil & Gas
- Liquefied Natural Gas (LNG)
- Pharmaceutical
- Steel
- Energy
- Geothermal
- Biomass
- Fertilizer
- Mining

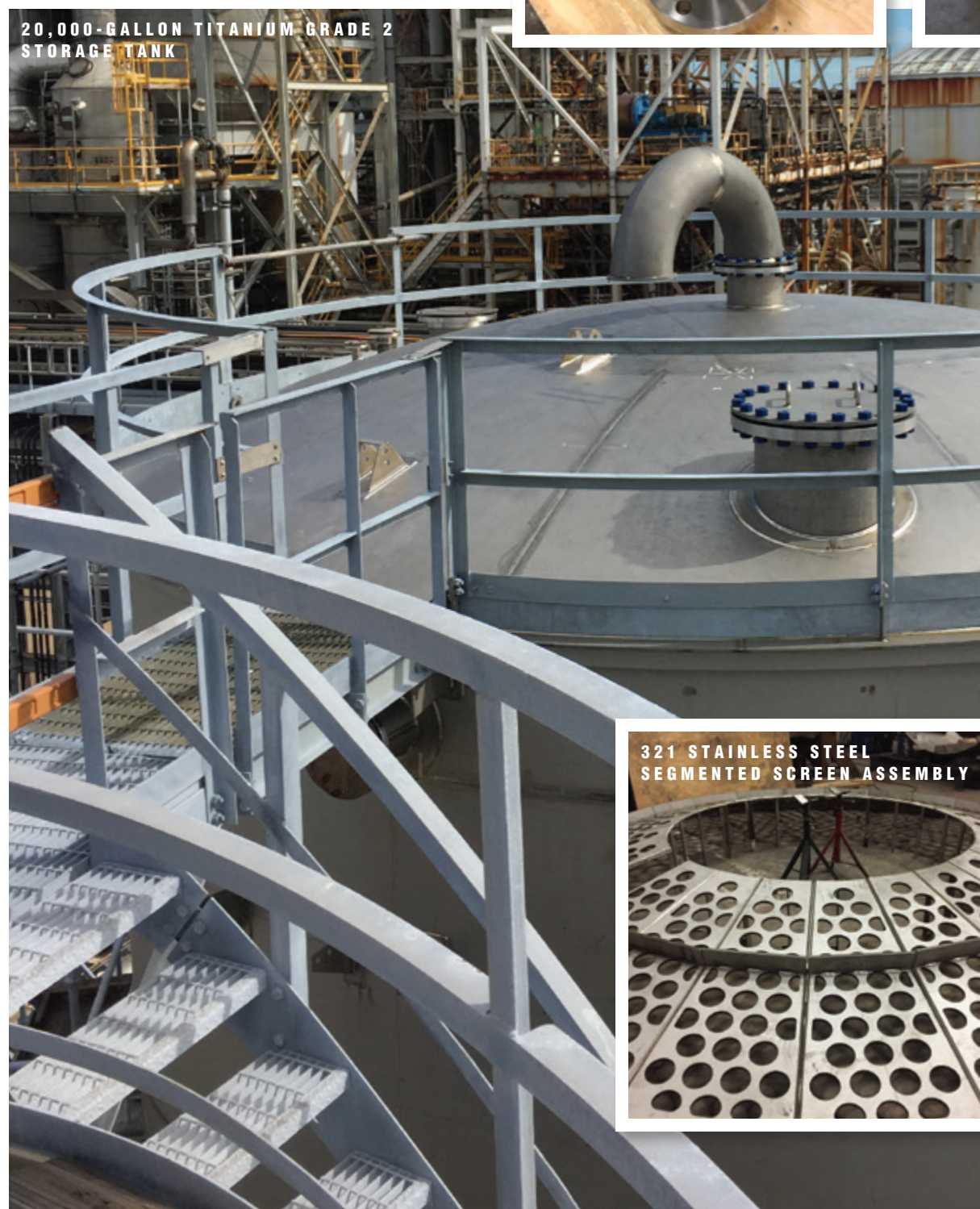
Custom Solutions

Extensive experience in build-to-print manufacturing where corrosion and heat resistance is required. RAM has a wide variety of experience in the fabrication of the following:

- Fans
- Scrubbers
- Combustion Related Equipment
- Spargers/Dip Plates
- Ducting
- Shell & Tube Heat Exchangers
- Injectors
- Tanks
- Pressure Vessels
- Pipe Spools/Pipe Fittings
- Column Sections
- Quenchers

Hastelloy® is a registered trademark of Haynes International.

Monel® is a registered trademark of Special Metals Corp.





RAM
A Division of TITAN Metal Fabricators, Inc.

Located along the I-10 corridor just outside Houston, Texas, we are ideally positioned to meet any of your supply requirements.

Custom fabrication at work for you!

RAM's reputation for exceptional fabrication of high alloys lies in its vast experience, proven capabilities and high degree of personalized customer service. The company's superior manufacturing is tied to effective collaboration among RAM's team of skilled manufacturing professionals, quality control engineers, and proficient support services forming a genuine partnership.

Industry Certifications, Design Codes and Standards:

■ ASME ■ API ■ ASTM ■ AWS

RAM manufactures pressure equipment in accordance with ASME Section VIII Division 1. Welding is per ASME Section IX:

RAM design capacities:

- Diameter 16 Feet 5 Meters
- Length 50 Feet 15 Meters
- Weight 20 Tons U.S. 20T
- Pressure 2500 psig. 170 Bar
- Temperature 1200° F. 650° C

Titanium Mill Product Distribution

RAM Industries is a complete distributor of titanium and premium alloy metals for corrosive and heat resistant applications. We supply and fabricate a wide variety of the following:

- Titanium Plate
- Titanium Sheet
- Titanium Bar in a full range of sizes
- Titanium Forgings
- Titanium Pipe/Pipe Spools
- Titanium Pipe Fittings



310SS STEAM SPRAY NOZZLE



HASTELLOY B-3 PRESSURE VESSEL



TITANIUM GRADE 2 STORAGE TANK



G30 HASTELLOY BURNER ASSEMBLY



TITAN METAL FABRICATORS

TITAN Metal Fabricators equipment can be found around the world — anywhere corrosion is a problem to be solved.

Trusted By Industry Around The Globe For Corrosion-Resistant Process Equipment

TITAN Metal Fabricators is comprised of various specialized divisions, all with one objective: to bring innovative reactive metal products to industry to solve corrosion problems.

TITAN designs and manufactures products from corrosion-resistant alloys (CRA)—Tantalum, Titanium, Zirconium, Niobium, Hastelloy and Duplex Stainless Steel—in order to provide the customer with solutions to corrosion in highly aggressive applications:



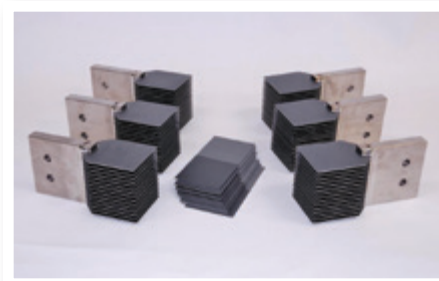
■ PROCESS EQUIPMENT

Corrosion-resistant equipment for the Chemical Processing, Pharmaceutical, and Steel Industries



■ PROCESS EQUIPMENT

Heat exchangers, columns, and piping for the Oil, Gas & LNG Industries



■ OPTIMUM ANODE TECHNOLOGIES

Manufacturing dimensionally-stable anode coatings for industry



■ NEWMAN FLANGE & FITTING

The highest quality forgings offering custom solutions to the most challenging requirements



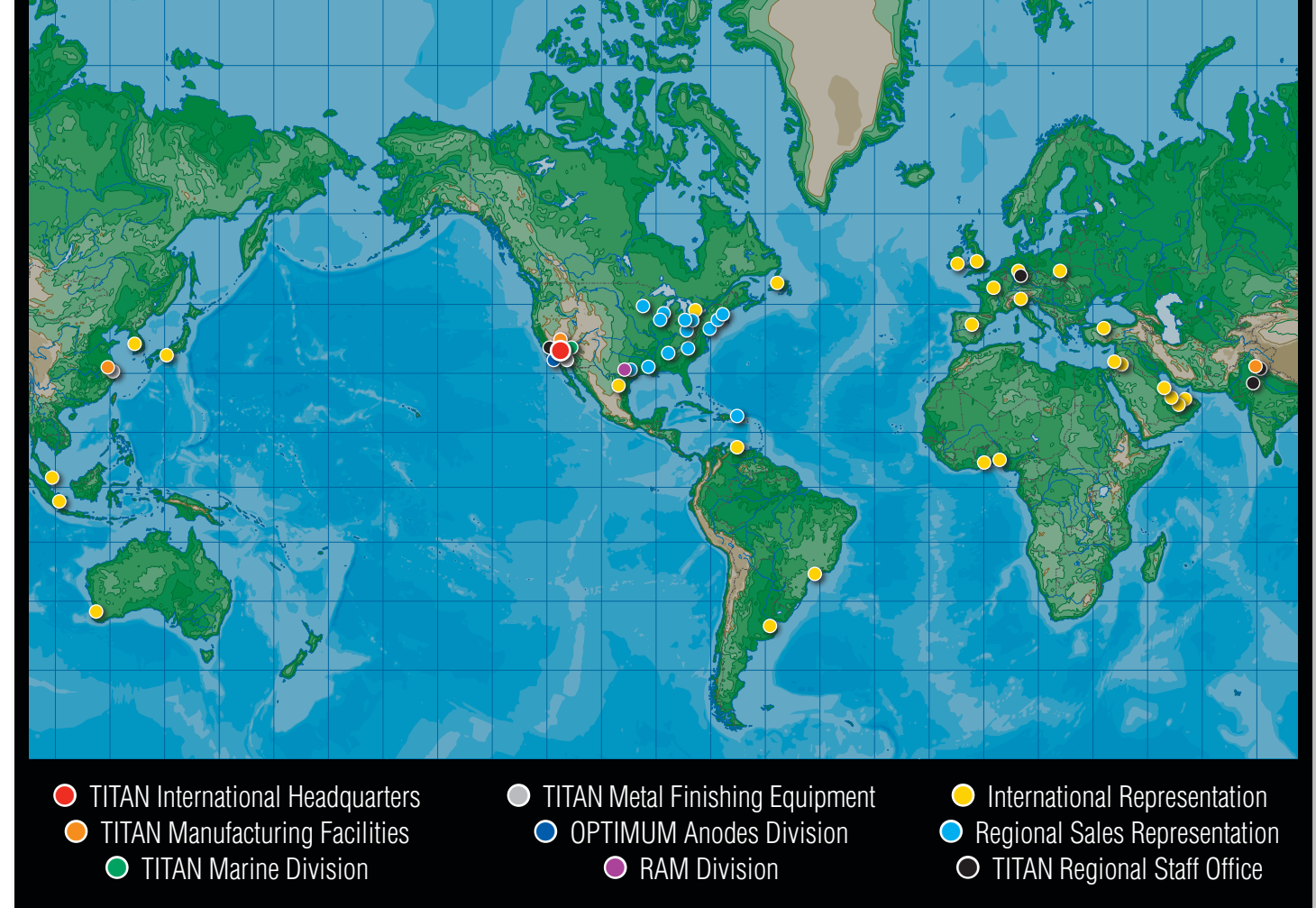
■ METAL FINISHING

Anodes, baskets, steam immersion coils, and auxiliary anodes for the Plating and Anodizing Industry



■ TITAN MARINE

Corrosion-resistant and high performance titanium products for the consumer and industrial Marine Industry



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RAM

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For More Information . . .

Does your project or application include issues pertaining to corrosion resistance? TITAN welcomes your questions concerning the suitability of corrosion-resistant alloys that may solve the problem. We can help you to determine which metals are most suitable to use, the proper design, and specification, and would be pleased to send you more information such as corrosion-resistance charts, material properties, or customer references. Please contact TITAN at **805.487.5050** or **info@titanmf.com**.



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