

REMTECH REMOVABLE MAGNETIC AERATION & MIXING SYSTEM FOR FRAC, STEEL, AND POLY TANKS (PATENT PENDING)

Remtech's **FRACAIR** and **MAGAIR (Magnetic Aeration System)** is a cutting-edge solution for rapidly converting **frac tanks, steel, poly, and stainless tanks** into **temporary or permanent removable** aeration or mixing systems for supplying oxygen or mixing solids or chemicals for the waste treatment, chemical, mining, metallurgy, agriculture, and pulp and paper industries. With proprietary **magnetic anchoring technology**, aeration and mixing systems can be rapidly deployed **without drilling, welding, or tank modifications**—perfect for rental tanks, short or long-term projects during plant expansions, cleanings, repairs or new treatment or mixing processes.

KEY BENEFITS:

- ✓ **Numerous Waste Treatment Applications** - Domestic & industrial wastewater, water, landfill leachate, stormwater, dewatering, oil field production wastes, contaminated groundwater & PFAS treatment.
- ✓ **Fast Installation** – Easily installed through 20" manholes and are secured by **powerful magnets**.
- ✓ **Versatile Treatment & Mixing Applications** – solids, polymer & chemical mixing & blending; neutralization, aeration, aerated grit chambers, equalization, air stripping, floatation, and flocculation.
- ✓ **Adjustable & Performance Optimization** – Variable airflow, bubble sizes, and retention optimize treatment and mixing.
- ✓ **Energy Savings Up to 80%** – Blower aeration significantly reduces energy costs compared to mechanical mixing.
- ✓ **Modular & Scalable** – Installable in single or multiple tanks for flow rates exceeding **200,000 GPD**.
- ✓ **Odor & Emission Control** – Sealed air inlet flanges on tanks allows off-gas capture and treatment with carbon, biobed, or thermal treatment.

FLEXIBLE EQUIPMENT & CUSTOMIZATION:

- ✓ **Tank Compatibility:** Fits 5,000, 10,000, 21,000-gallon, and larger tanks.
- ✓ **Air Supply Options:** Regenerative or rotary lobe blowers, trailer-mounted compressors or plant air.
- ✓ **Durable Materials:** Materials of construction include schedule polypropylene, schedule 80 PVC, stainless steel, and EPDM elastomers for chemical compatibility.
- ✓ **Advanced Diffuser Technology:** Choice of disc, sintered, or wide band stainless diffusers with fine, medium, or coarse bubble sizes.
- ✓ **Scalable Blower Systems:** 5 to 10 HP blowers efficiently aerate individual or multiple tanks.

MAGNETIC ANCHORING FOR POLY OR STAINLESS TANKS:

Powerful magnets work through 1/2" air gaps! Placing 16-mil ferrous sheeting on poly or stainless tank bottoms or in tank riser pads allows magnetic anchoring even through thick tank bottoms.

EXPANDABILITY & ADVANCED TREATMENT OPTIONS:

Easily integrate modular tertiary treatment systems such as:

- ✓ **Screening & Clarification**
- ✓ **Filtration & Dissolved Air Flotation (DAF)**
- ✓ **Serpentine Neutralization & Flocculation**
- ✓ **Sludge Dewatering & Advanced Wastewater Treatment**

READY FOR RAPID DEPLOYMENT:

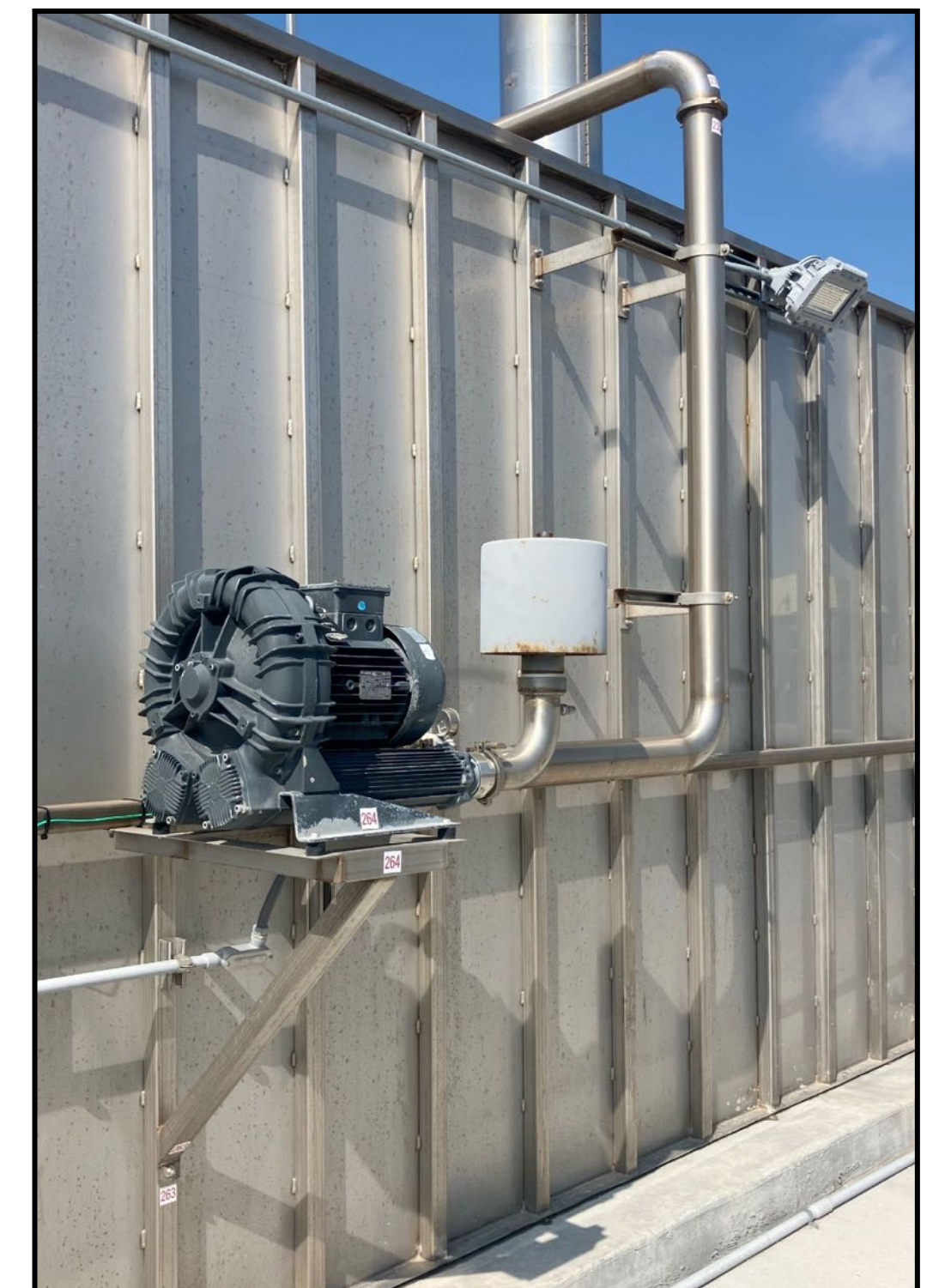
Remtech's Magnetic Aeration and Mixing System delivers **cost-effective, plug-and-play solutions**—ideal for plant expansions, temporary or permanent installations.

NO PERMANENT ALTERATIONS. MAXIMUM EFFICIENCY. RAPID DEPLOYMENT:

Get started today! Contact Remtech for a solution to your treatment or mixing needs by filling out our eform on our website www.remtech-eng.com under *Environmental Equipment* or calling 800-377-3648 x 4.



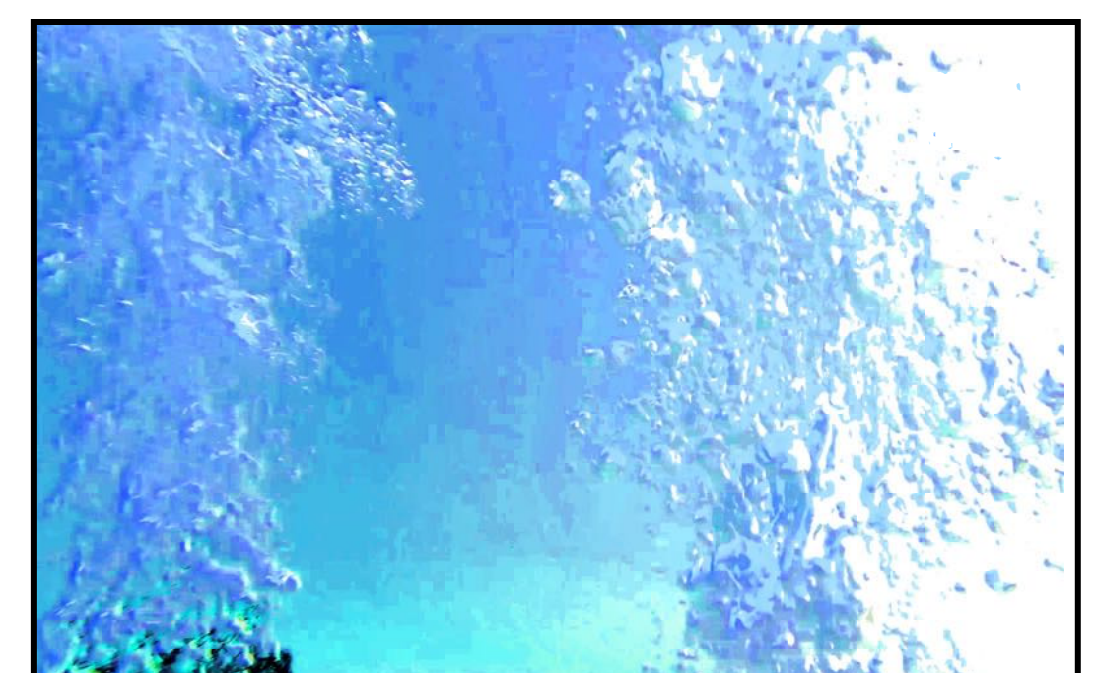
FRACAIR Magnetic Aeration Wastewater and Water Treatment System



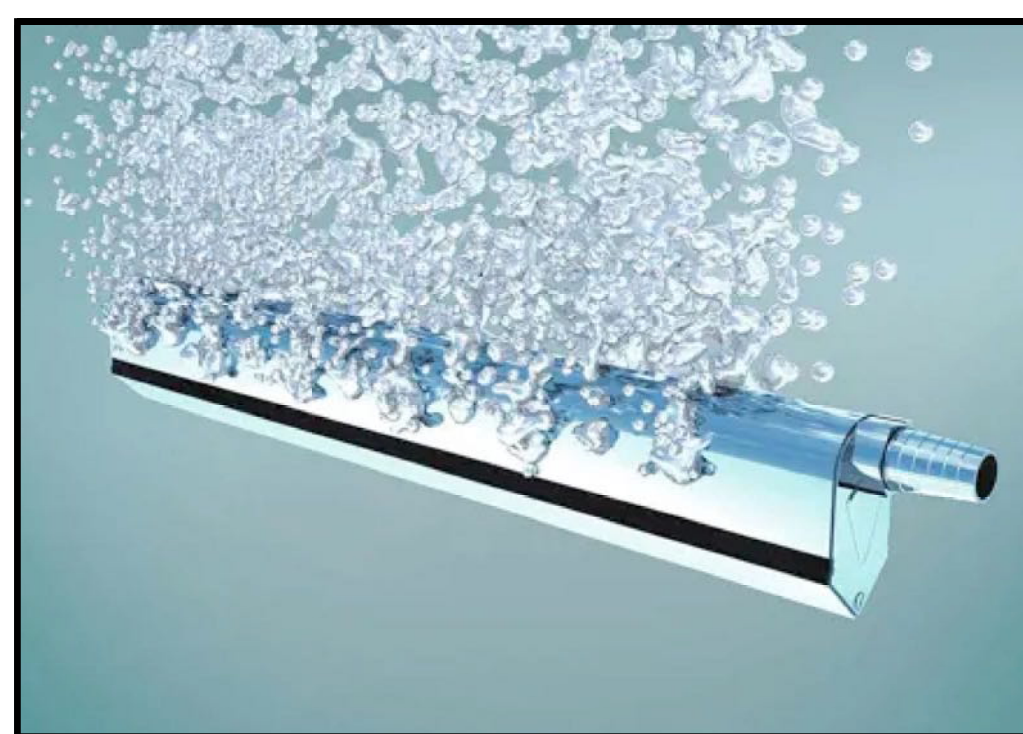
Blower Side Mount Tank at Aerospace Facility



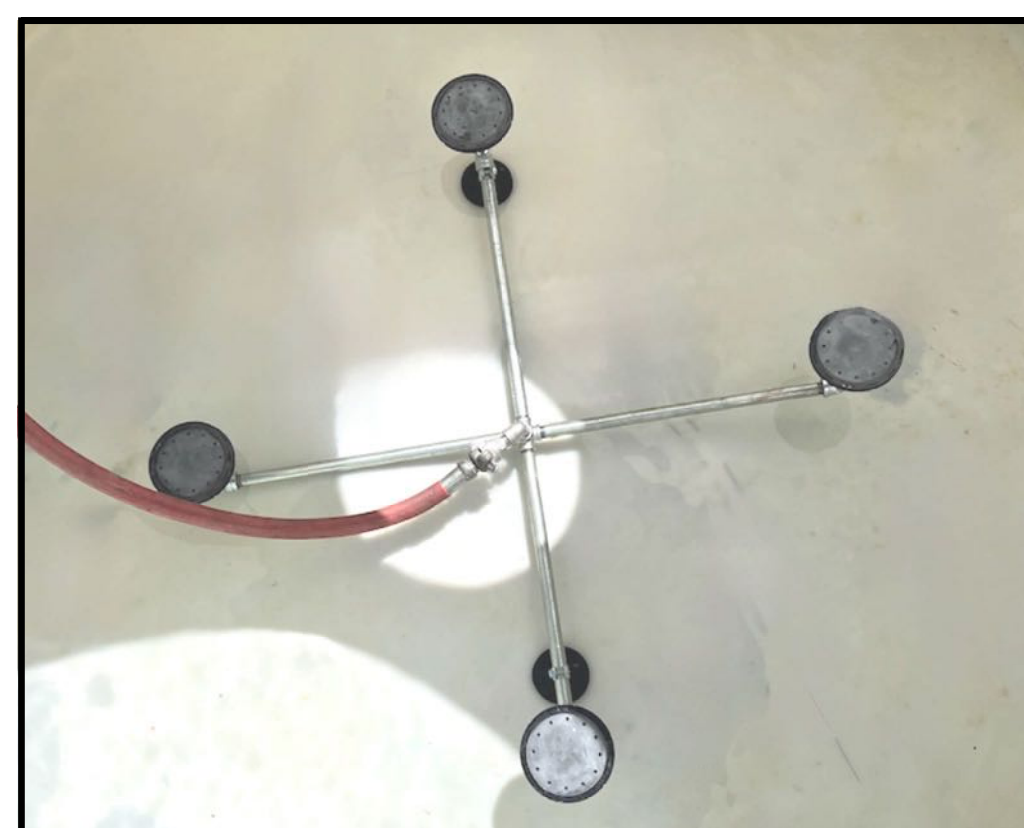
Remtech 10 Hp FPZ Two-Stage Regenerative Blower



Coarse Bubble Formation from 5" Disc Diffusers



Wide Band Stainless Diffuser



Diffusers Anchored in Bottom of Poly Tank with Magnets



Sealed Flange Air Injection for Off-Gas Treatment



Sintered Disc Diffuser



Membrane Disc Diffuser



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