



Volunteer Bulk Transfer Systems

Transforming Dry Bulk Goods Delivery

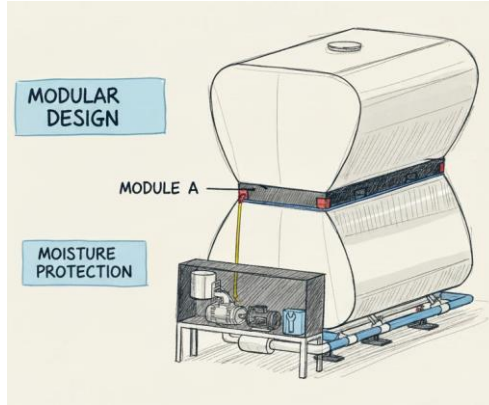
Riddleton, TN
Prototype Stage
Feb 2026

THE INNOVATION

- A patented “split-cell” architecture that decouples transportation from discharge.
- Automated Cargo Transfer System for pneumatic injection to the customer silo.

Key Specifications

- Speeds delivery time 10x
- Noise reduction 100 to 70dB
- 99% material recovery
- Reduces rig idle time



Hourglass Bulk Delivery System

Delivering a New Environment

MARKET OPPORTUNITY

- **Ready-Mix Concrete:** High-frequency cement/fly ash delivery
- **Oilfield Logistics:** Frac sand well-pad delivery
- **Specialty Manufacturing:** Plastic pellets, carbon black, chemicals

Overcomes

- **Driver Crisis:** Industry faces >90% annual driver turnover
- **Regulatory Pressure:** OSHA silica dust limits and noise restrictions
- **Inefficiency:** Trucks burn diesel while idling to power blowers
- **Shorter, maneuverable vehicles** (14 ft) needed on congested sites.

Market Potential: Projected sales reaching \$39M by year 5

VALUE PROPOSITION

Financial

- **30% reduction** in annual operating costs via fuel/labor save
- **10K Capital Savings** per truck (no need to buy blower)

Performance

- **35+% increase** in daily loads per driver
- **Smart shutdown:** Auto system prevents silo overfilling

Mission Impact

- **Environmental:** Expected 70% reduction in CO2 emissions
- **Safety:** Eliminates manual valve cranking & dust exposure

Customer Impact: Zero idle time, lower cost-per-ton, automated “walk away” discharge

BUSINESS OPPORTUNITIES

Current Status:

- Patented Modular Design
- System design complete, fabrication contract ready to go
- Strong customer interest
- Next milestone: Secure funding to start prototype build

Immediate Needs:

- **Pilot Partners:** High-volume concrete plants / industrial sites
- **Funding:** For prototype and initial qualification testing

Let's Connect:

- Mike Taylor, CEO/Founder
- miketaylor@VBTS.net

www.vbts.net