

# FORGE

## BIOENERGY / ANAEROBIC DIGESTER TANKS & COVERS FORGED FOR TOUGHNESS, BUILT TO LAST

With over two decades of experience, FORGE specializes in delivering high-quality anaerobic digester tanks and covers for biogas production and organic waste management. Our expertise in designing and constructing durable, cost-effective storage solutions allows us to provide innovative storage systems that drive renewable energy generation and sustainable waste treatment.

### Why Choose FORGE?

At FORGE, we understand that no two projects are alike. That's why we provide flexible, high-performance storage solutions designed to withstand the demands of bioenergy processes while offering efficient installation, durability, and environmental benefits.

#### Custom-engineered Bolted Storage Tanks

Every biogas and anaerobic digestion system has unique requirements. FORGE provides customizable, bolted storage tanks that are precision-engineered to fit your project's specifications. Our bolted tank systems ensure quick turnaround times, cost effective assembly, and long-term reliability for anaerobic digestion, feedstock storage, and gas containment applications.

#### Advantages:

- **Flexible Configurations** – Designed to fit specific site and process requirements
- **Pre-Engineered for Efficiency** – Factory-coated panels ensure faster assembly and lower costs
- **Scalability** – Easily expandable to accommodate future capacity needs

#### High-quality Construction & Durability

Built to withstand harsh environments and the rigorous demands of anaerobic digestion, FORGE bolted tanks are factory-coated and transported to the site, eliminating the need for field painting and reducing environmental impact.

#### Key Benefits:

- **Superior Corrosion Resistance** – Engineered for long-term performance in biogas and organic waste processing environments
- **Environmentally Friendly Coating** – No on-site painting required, reducing emissions and installation time
- **All-Season Construction** – Designed for year-round installation, ensuring project timelines stay on track

#### Built To Perform

Our storage solutions are designed to deliver maximum efficiency, safety, and long-term performance. Whether for digestate storage, gas containment, or feedstock processing, FORGE tanks and covers offer superior quality and reliability.

#### Key Features:

- **Unique Assembly Method** – Ensures safe and efficient installation
- **Turnkey Solutions** – From design to delivery, streamlined project execution
- **Versatile Designs** – Compatible with various anaerobic digestion processes
- **Minimal Maintenance** – Long-lasting coatings and durable materials reduce upkeep costs

### Best in Class

When you partner with FORGE, you gain more than just high-quality storage solutions—you gain reliability and peace of mind. Our certified and highly trained team oversees every aspect of your project, from design and engineering to installation, ensuring a seamless experience.

We prioritize safety and efficiency, utilizing advanced jack systems during installation to enhance crew safety and structural integrity. With FORGE, you can trust that your project will be completed on time, to the highest standards, and with uncompromising quality.



# SPECIFICATIONS & OPTIONS

## ROOF & MEMBRANE

Roof Type	Max Design Pressure	Max Design Vacuum	Max Diameter	External Load	Coating / Material
Externally Supported Roof	45 mbar 18"WC	5 mbar 2"WC	37.5(m) 123 (ft)	Heavy Loads	Glass, Stainless Steel, Epoxy
Dual Membrane Tank Mounted	10 mbar 4"WC	10 mbar 1.2"WC	36.5(m) 120 (ft)	None	PVC Coated Polyester
Dual Membrane Ground Mounted Gas Storage	40 mbar 16"WC	3 mbar 1.2"WC	Various	None	PVC Coated Polyester



## COATING

Coating Type	Black	O-White	Pure White	Stainless
Glass Fused to Steel	X	X	X	X
Thermoset Epoxy Coating System	X	X	X	X

## ACCESSORIES & OPTIONAL ITEMS

Caged Ladders & Platforms	Sidewall Manway Ports	Insulation	Cross Walks	Nozzles
Passive Cathodic Protection	Baffles	Site Glasses	Roof Walkways	Roof Railings
Active Cathodic Protection	Mechanical Equipment Installation	Mixer Platform		

### Ready To **FORGE Ahead?**

Partner with FORGE to safeguard your assets with industry-leading storage solutions. Contact us today to learn how our engineered durability and performance can elevate your bioenergy and anaerobic digestion systems.



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### Design Standards

At **FORGE**, safety is at the core of everything we do. Every installation is performed by **highly trained, FORGE-certified crews** who adhere to **strict safety protocols**. By utilizing **advanced jack systems** and precision-engineered equipment, we ensure **stability, minimize risk, and optimize efficiency**. Our commitment to **safety and quality** guarantees a **secure, reliable, and streamlined** project execution.

### Industry Standards

FORGE tanks and covers meet the **highest industry standards**, ensuring superior durability and performance