



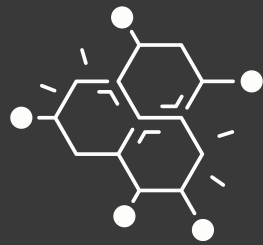
GENESIS
CUSTOM CHEMICAL BLENDING

A chemical contract manufacturer and toll blender providing turn -key liquid blending, toll
manufacturing and private label packaging services as well as providing last mile delivery.

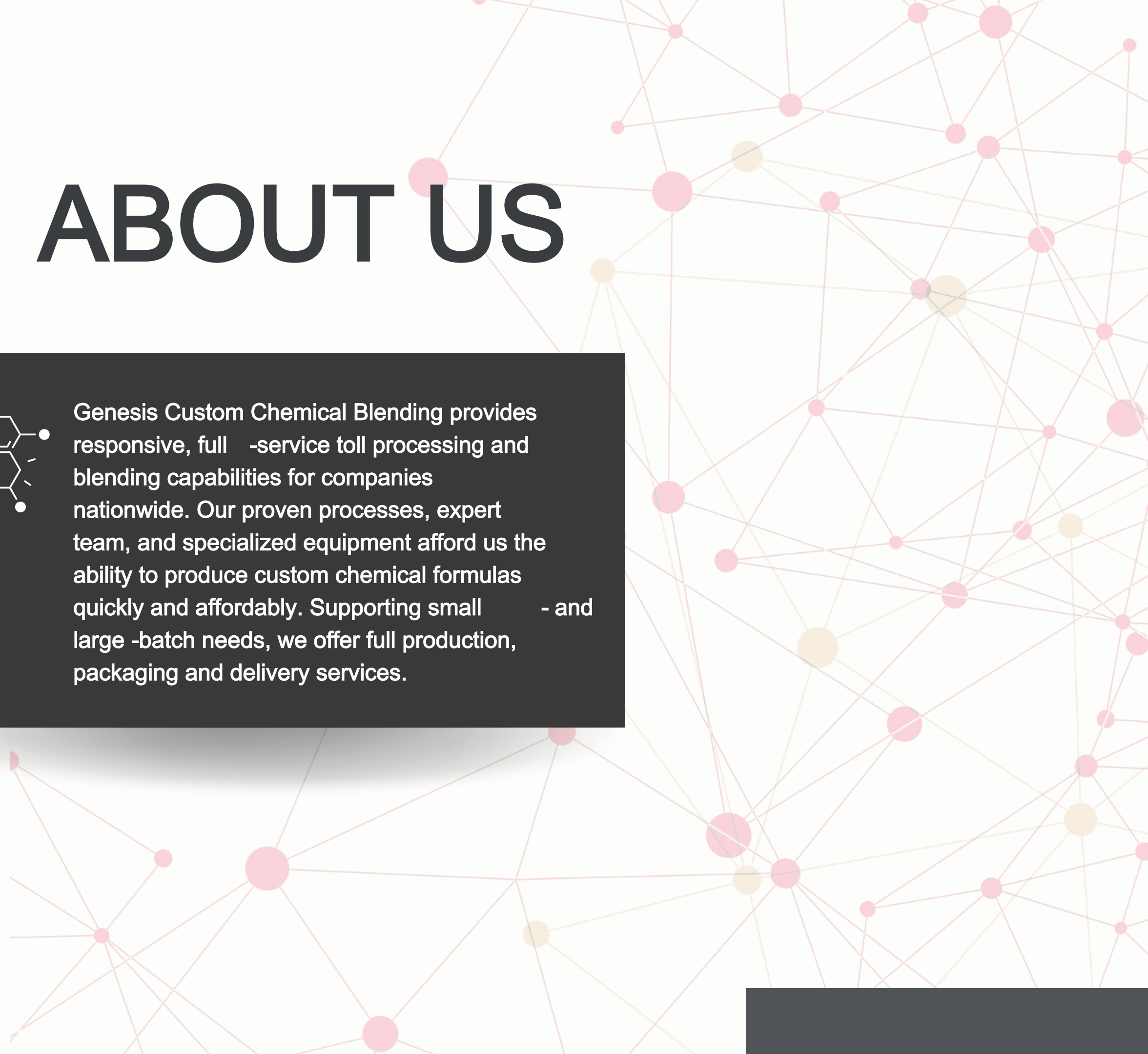
WWW.GENESISCCB.COM



ABOUT US



Genesis Custom Chemical Blending provides responsive, full -service toll processing and blending capabilities for companies nationwide. Our proven processes, expert team, and specialized equipment afford us the ability to produce custom chemical formulas quickly and affordably. Supporting small - and large -batch needs, we offer full production, packaging and delivery services.



LOCATIONS

MIDLAND, TX



Manufacturing Location:
2400 E CR 123
Midland, TX 79706

ENNIS, TX



Manufacturing Location:
2708 NE Main St
Ennis, TX 75119
35 Miles South of Downtown Dallas
Easy access to I -45 & I-20



ENNIS, TX FACILITY OVERVIEW

- 143,600 Square Foot Facility
- 19 Acres
- 2+ acre trailer lot
- Union Pacific Railcar spur
- H2 Flammable Room



MIDLAND, TX FACILITY OVERVIEW

- 12,750 Square Foot Facility
- 3.08 Acres
- Six 10,500 Gallon Mix Tanks
- Bulk Storage Capacity
- QA/QC Laboratory
- Reverse Osmosis Water Tanks

INDUSTRIES

We provide liquid toll blending services tailored for a variety of industries, ensuring high -quality and efficient solutions to meet your specific needs.



OIL & GAS

Our manufacturing team has decades of experience in oil and gas blending, from drilling to completion and production. We also offer a wholesale line of products.



AGRICULTURE

Our EPA registered facility specializes in toll manufacturing agrochemicals designed to increase crop yield and provide crop protection. We are committed to delivering high -quality solutions that support sustainable agriculture.



INDUSTRIAL

Our specialty chemical blending solutions are designed to meet your operational needs across various sectors, enhancing efficiency in your processes.



WATER TREATMENT

Our specialized team provides liquid blending solutions designed to optimize water quality in a variety of applications.

CAPABILITIES

We follow a high standard of operational procedures, including quality and safety measures, throughout the entire process. Because your chemical solution is customized for your company, you can have peace of mind knowing it will meet your specific business needs.



LOGISTICS

We transport, deliver and handle a variety of chemical products across the U.S. We partner with you for more than transportation — we help you form a strategy.



TECHNICAL SUPPORT

We offer tailored solutions to meet your specific needs, providing flexibility in product formulation support and blending.



LIQUID BLENDING

We follow a high standard of operational procedures, including quality and safety measures, throughout the entire process.

SAFETY

Safety First: Ensuring a Secure Environment for Our Employees, Partners, and Community

Genesis Custom Chemical Blending is committed to the health and safety of our employees, contractors, customers and neighbors as well as the security of our products, facilities, and environment.

We are dedicated to achieving best practices throughout all business activities based on continuous improvement and commitment from all levels within our organization. In addition to maintaining regulatory compliance, we invest in the health and safety of our employees and environment through waste control programs, air quality monitoring, wastewater management, containment features, process improvement, and continual education.





MANUFACTURING FACILITY OVERVIEW

ENNIS, TX

We follow a high standard of operational procedures, including quality and safety measures, throughout the entire process. Because your chemical solution is customized for your company, you can have peace of mind knowing it will meet your specific business needs.

Types of Blends

- Water - Based Chemistries
- Oil - Based Chemistries
- Endothermic
- Exothermic
- High Shear
- Flammable

Capabilities

- EPA Registered Facility
- Private Labeling
- Toll & Turnkey Blending
- Customer Inventory Reporting
- Strategic Sourcing Relationships

CAPABILITIES & EQUIPMENT

ENNIS, TX

WATER BASED / HIGH FLASHPOINT BLENDING

304 Stainless Steel Mix Tanks on Load Cells with Agitation, Recirculation, and Eductor Systems

- 6,500 Gallon Tank Capacity



- M1-1 Tank is used for High Solids mixing
- M1-2 Tank has Heating / Cooling coils for endothermic and exothermic reactions



- M1-3 Tank has Heating / Cooling coils for endothermic and exothermic reactions



- M1-4 Tank Equipped with shotgun lines, load cells, VFD, and 350' of 2" spiral heat exchange coils

CAPABILITIES & EQUIPMENT

ENNIS, TX

WATER BASED / HIGH FLASHPOINT BLENDING

- (3) HDPE Storage Tanks
 - 10,500 Gallon Tank Capacity
 - Level -sensing telemetry systems
 - Local and remote level displays and motor start/stops
 - 10HP 2"x3" 1800 RPM centrifugal load -out pumps (~200 GPM)
- Reverse -Osmosis + Water Deionizing system with 10,000 Gal storage tank.
- (2) 100 -ton York Chillers
- 3,000 Gallon hot water tank
 - Fiberglass construction with foam insulation
 - Variable thermostat, temperatures up to 210F
 - Centrifugal recirculation pump



CAPABILITIES & EQUIPMENT

ENNIS, TX

H2 FLAMMABLE BLENDING ROOM



- Class I DIV I Electrical
- M2 - 1 Mix Tank
 - Carbon Steel for oil -based blends
 - Epoxy Lined
 - 5,200 Gallon Tank Capacity



- M2 - 2 Mix Tank
 - 304 Stainless Steel
 - 6,500 Gallon Tank Capacity



- M2 - 3 Mix Tank
 - 304 Stainless Steel
 - 2,500 Gallon Tank Capacity
 - Insulated and Jacketed for endothermic and exothermic reactions



- Pilot Tank
 - 304 Stainless Steel
 - 500 Gallon Tank Capacity
- All tanks are on Load Cells with Agitation, Centrifugal Recirculation Pumps, and Eductor System

CAPABILITIES & EQUIPMENT

ENNIS, TX

H2 FLAMMABLE BLENDING ROOM

- DFC
 - Zeeco Direct Fire Combustor – 30' height / Model# VCU -3.5 -30
 - Vapor streams from operations containing high levels of VOCs are routed to the DFC for destruction.
 - The DFC drastically reduces emissions from blending and transferring processes, ensuring regulatory compliance and minimizing Genesis' environmental impact.
 - Directing emissions away from process areas greatly improves employee safety and ensures operational continuity.
- VRU
 - VaporTech SST -20 dual stack vapor scrubber system
 - Twin liquid beds and media -filled columns allow for both acidic and caustic neutralization of vapors from blending and packaging operations.
 - NOVAC Carbon Bed with potassium iodide -impregnated activation carbon further polishes vapor streams containing glutaraldehyde.



1) Required Personal Protection Equipment



- a) Goggles / Face shield
- b) Nitrile gloves
- c) Apron and Yellow Tyvek Sleeves

2) Equipment Required for Filling

- a) Filling hose / Safety straps
- b) New 330 gal wirecage tote
- c) Tote (platform) scale
- d) Torque wrench / tote lid tightener

3) Labels for the Transport Container

- a) GHS-Compliant Information label (1)
- b) "Filled-By" label (date / sequential tote #)

4) Method for Production

- a) Locate nearest eyewash/shower station in case of emergency.
- b) Use only new-bottle 330-gal wirecage totes as listed on the fill ticket.
- c) Label totes completely before beginning the filling process (see Section 3 above).
- d) Verify that all hoses, pumps, and other equipment are cleaned or dedicated and pull a fill sample for the Lab. The lab will provide the fill weight based on product density.
- e) Set up platform scale at designated tank. Place tote on scale and "zero out" display.
- f) Make sure the bottom valve on the totes are closed and capped.
- g) Use a long PVC filling rod to keep product flow under liquid level to prevent foaming.
- h) Fill containers to desired weight as specified on the f-ticket.
- i) Set the torque wrench to the correct ft-lbs and use the 6" lid tightener to tighten the tote lid to the manufacturer's closure specifications.



Filled By: _____
Date: _____
Tote #: _____



- 2in. bung caps should be sealed by the manufacturer and not require adjustment.
- Tote, lid, and cage should be free from deep cuts, cracks, grit, and damage.
- Lid closure torque specification should be found near UN information (Mauser totes = 70 ft-lbs)
- Bottom outlet valve is closed, zip-tied, and capped with screw-on cover.



QUALITY MANAGEMENT SYSTEM

As a fundamental value at Genesis, quality and consistency are matters of utmost priority in our daily operations.

Our Quality Management System is comprised of detailed Standard Operating Procedures that direct our activities and document our critical control point verifications, as well as "hard -stop" product release procedures in our ERP system.

Our SOPs provide exhaustive instructions for all facility operations, including:

- Raw material and supplier qualification and testing
- In process and finished good quality control procedures
- Retain storage and lot number traceability
- Two -person raw material code and weight verifications
- Tank cleaning and validation processes
- Product segregation
- Documented equipment operation processes
- Packaging, labeling, and closure methods
- Record maintenance and retention

All with the goal of delivering an exceptional finished product to our customer.

OUR LAB

Genesis has a full -service QC laboratory to ensure every blend meets customer specifications.

QA/QC LABORATORY



- Retain Sample Storage
- Quality Control Testing such as:
 - Specific Gravity
 - pH
 - Titrations
- Water Analysis
- Lot # Traceability
- Refractometry
- UV/VIS Spectroscopy
- ATP Kill Studies
- APB Serial Dilution

TESTING EQUIPMENT



- ICP-MS and ICP -OES
- Thermo FTIR
- XRF
- Grace M3600 Ambient Viscometers
- Brookfield DV2 -T Extra Viscometer
- Agilent HPLC with UV -VIS detector
- Hach DR3900 UV/VIS Spectrophotometer
- Anton Paar TAG 4 Flashpoint Tester
- Mettler Toledo Moisture Analyzer
- Ofite Lubricity Tester
- Silverson High Shear Mixers
- Anton Paar Alcohol Hydrometer
- GC/MS
- Hanna Potentiometric Autotitrator



LOGISTICS

We transport, deliver and handle a variety of chemical products across the U.S.

We partner with you for more than transportation — we help you form a strategy. The chemical industry is our focus and specialty, so we use our know-how to build a system for your raw material intermediate hauling, finished goods transportation to the yard, and last-mile delivery to location

Our Training Includes:

- Hazardous Materials General Awareness
- Function Specific Tasks & Security
- Driver Qualification & Disqualification Standards
- Hours of Service & Equipment Inspections
- Smith System Safe Driver Certification
- PEC Safeland Certification

Our Fleet Includes:

- 45 Trucks
- 65 ISOtainers with Telemetry
- 25 Flatbeds
- 28 Vacuum Trailers
- 12 Stainless Steel Tankers

CAPABILITIES EQUIPMENT

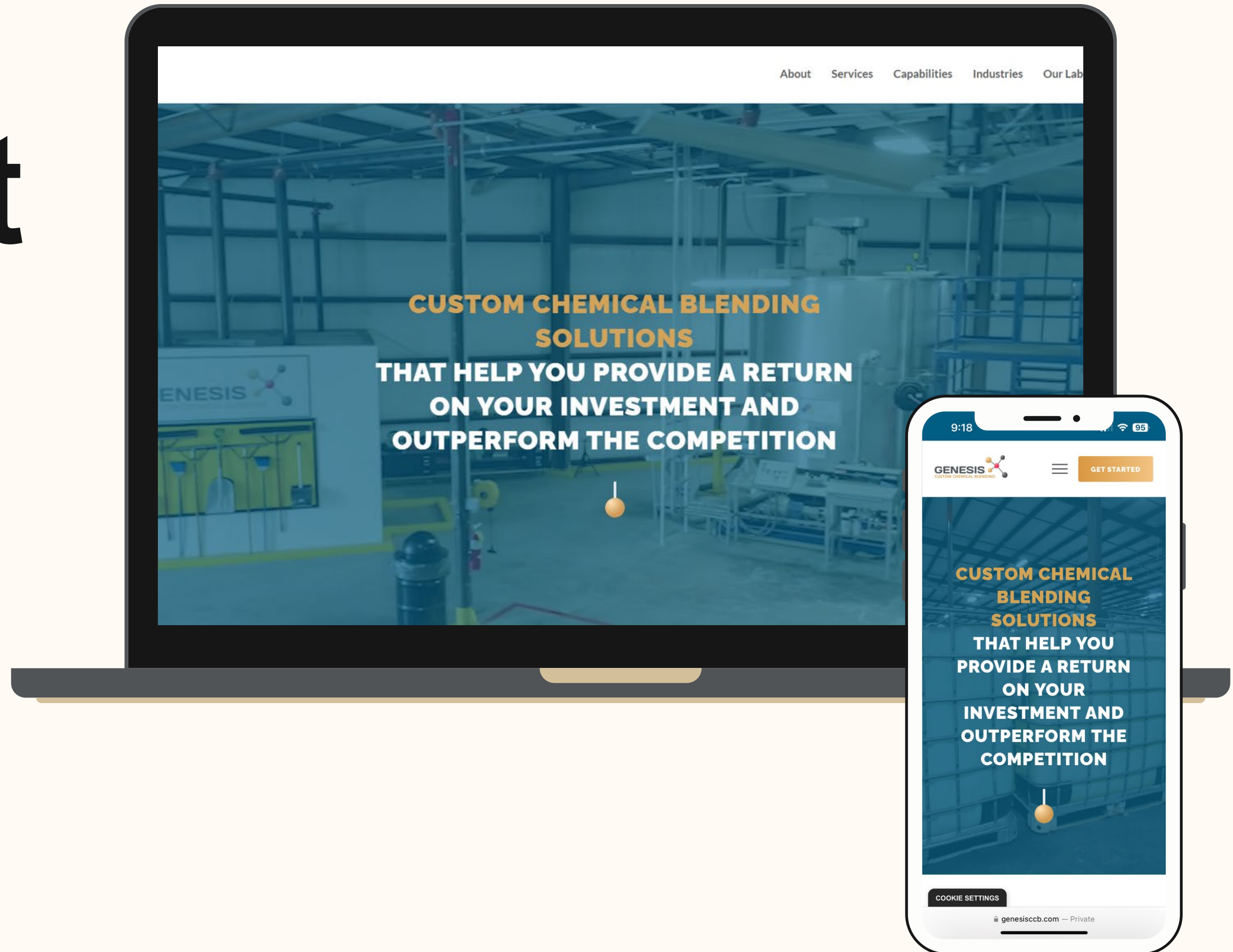
ON-SITE TRUCK SCALE

Genesis' on-site truck scale enhances logistics efficiencies and reduces transport expenses by offering weighing services just before and after tanker loading or unloading. Our certified legal for-trade 135-ton, 110-foot scale generates point-of-loading scale tickets, eliminating the necessity for extra trips to off-site weighing facilities.



Check out our new Website!

www.genesisccb.com





Our Team at SOCMA

Stop by booth # 10 18



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CONTACT US

At Genesis Custom Chemical Blending, we provide custom chemical solutions that help you provide a substantial return on your investment and outperform the competition.

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 www.genesisccb.com

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