# GIDEON
# Autonomy at any scale

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Meet GIDEON—the robotics and AI company redefining dock operations with industry defining vision-guided autonomy.

At the center is TREY, an intelligent, self-driving forklift purpose-built for loading bay operations. TREY loads and unloads full trailers end to end and handles a wide range of trailer and pallet types with confidence. Bringing consistent, repeatable performance to one of the toughest jobs on the floor.

What sets TREY apart is its perception-first approach. Using stereoscopic cameras, 3D-vision and sensor fusion, the system sees, understands, localizes, then acts—navigating dynamic environments and adapting to real-world variability without adding complexity to your operation.



Built for real throughput, TREY is offered in medium- and heavy-duty models to match your payloads, with automation designed to provide labor resilience and keep pallets moving at a steady cadence up to 24/7.

A 360° sensor field of view and safety-certified components help protect people, product, and equipment while maintaining smooth operations at the dock.

GIDEON fits the way you work today as TREY runs stand-alone or integrates with your existing WMS. It's managed through an intuitive, browser-based fleet interface that provides real-time status, task control, and actionable insights.

TREY can return to its charger between loads to maximize run-time across multiple shifts, and a single operator can run a large TREY fleet simultaneously with the GIDEON Fleet Management platform.

Customers use TREY to add safety and standardize dock work resulting in better work flow and a steady base in times of heavy or seasonal workload.

The result is a practical path to autonomy: faster, safer trailer handling, higher dock consistency, and a foundation you can scale.

Deploy in hours, not months, and orchestrate inbound and outbound moves with real-time data and simple controls.

With GIDEON, you're adopting a mature technology stack that makes autonomy dependable, explainable, and accountable from day one.

# GIDEON PLATFORM ADVANTAGE

### NO EXPENSIVE MODIFICATIONS

TREY does not require expensive changes to your facility, docks or trailers

### SERVE BOTH SIDE OF THE DOCK

TREY is the only fully automated solution for both loading & unloading

### REAL TIME ANALYTICS

Live data, performance, and optimization plans via Dashboard & AI

### LOAD/UNLOAD STANDARD TRAILERS

Dry Van, Refrigerated, Drop Deck, Intermodal, and more

### WORK MORE THAN ONE SHIFT

TREY is not limited to an 8-hour shift by charging during gaps in the day

### PALLET DETECTION

TREY automatically adjusts for 70+ pallet, cage, and tote types

# CONNECTED AND PROTECTED

### FLEET MANAGEMENT SYSTEM

End to end software solution monitors, controls your entire TREY fleet

### GIDEON IN-HOUSE SUPPORT

Hardware & software fully designed and supported by GIDEON
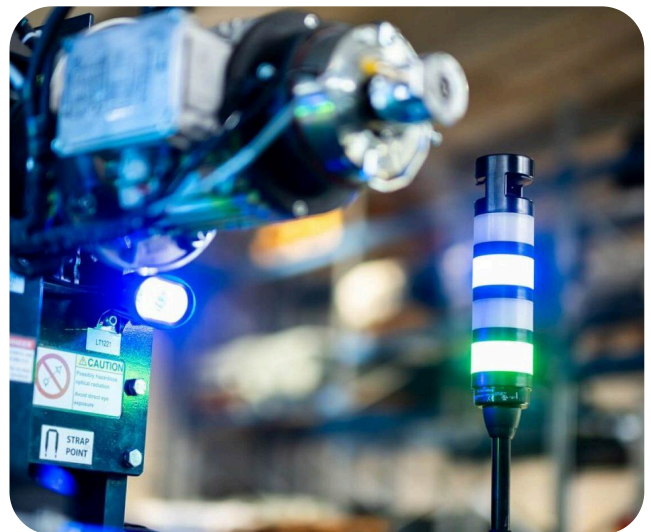
### WMS INTEGRATION OR STAND ALONE

Link GIDEON Fleet Management to your WMS across multiple sites

### FREIGHT IMAGING

TREY takes images of freight and stores them to help against claims

# GIDEON FLEET MANAGEMENT

### AUTONOMOUS ANYWHERE

Command, manage, and monitor your TREY fleet from any device

### MANAGE COMPLEX MOVEMENTS

Program multi-step sequences: rotate freight, place on conveyor, etc.

### WATCH FREIGHT MOVE

Track all pallet movements with detailed analytics

### EASY EXPANSION

Adding more docks, missions, and robots is quick and easy

# WARRANTY & SUPPORT

### WARRANTY

1-Year / 5,000 Hours

### GIDEON IN-HOUSE SUPPORT

Hardware & software fully supported in-house
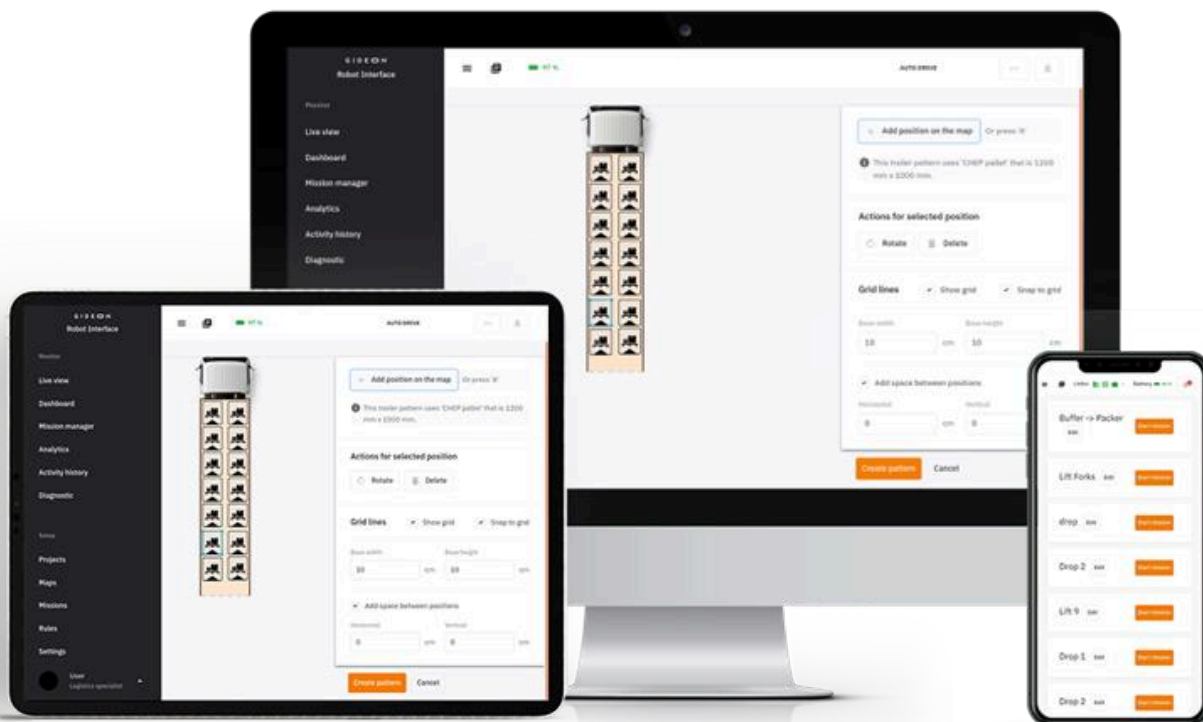
### EXTENDED WARRANTY

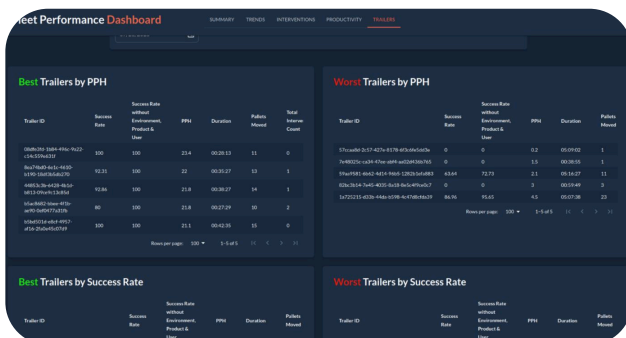5-Year / 25,000 Hours

### OVER-THE-AIR REMOTE DIAGNOSTICS

Software & diagnostics are quickly served OTA

# Productivity analysis in real time



**Prove value fast with TREY—enterprise-secure, analytics and dashboards, comprehensive reporting, with photo-verified audit trails that show what moved and when.**
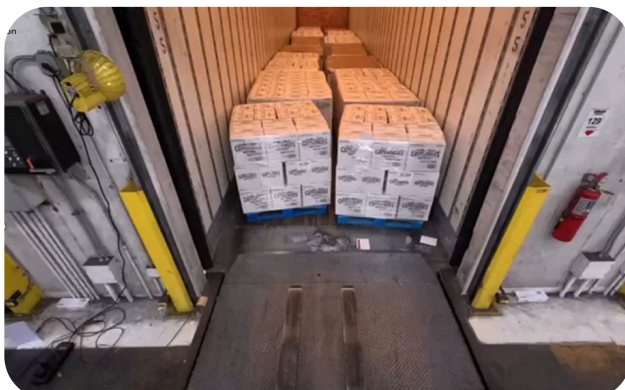


**Show measurable impact, fast.**
From day one, you'll see clear evidence of value—what was moved, when, and by which TREY, providing clarity of operations that help you improve process and freight flow.

**Enterprise-grade security**, always current with over-the-air (OTA) updates that deliver ongoing insights about efficiency, load quality, up time, and operator intervention.

**Advanced dashboards** show you the data, and provide reporting that illustrates fleet efficiency and other operational insights.

**Photo-verified goods protection**.
As pallets are loaded and unloaded, TREY captures time-stamped images. Those images provide an audit ready trail that helps reduce damage disputes and strengthens your position in 3rd-party claims.
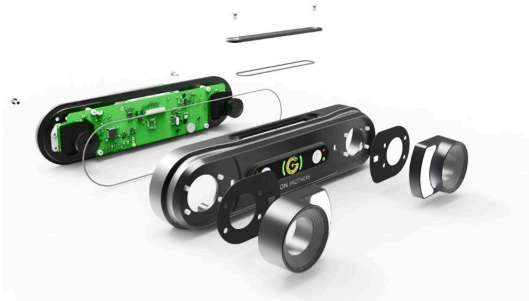
# TREY Medium Duty Autonomous Forklift



## Technical Specifications

| | |
|---|---|
| **Chassis Type** | Counterbalance |
| **Dimensions (L x W x H)** | 134 in x 56 in x 83 in |
| **Weight** | 10,620 lbs |
| **Max Lifting Height** | 65 in |
| **Max Payload** | 3,500 lbs |
| **Forks - Standard** | ITA Class II 3.9" x 1.6" x 42" |
| **Battery** | Li-Ion, 38V DC, 610Ah |
| **Operating Time** | 12+ hours at full charge |
| **Charging Time** | 3.5 hours |
| **Charging Options** | Opportunity Charging & Battery Swap |
| **Navigation Type** | AMR |
| **Worker Protection** | 360° field protection via laser scanner |
| **Turning Radius - F/R** | 71" / 67" |

Built for flexibility, TREY autonomously executes complex loading and unloading operations, while easily handling various trailer and pallet types—safely and reliably.

Maximizing every minute, TREY uses opportunity charging to ensure the battery is periodically charged throughout the day when not moving freight. Ensuring its always ready to boost warehouse productivity for multiple shifts.



GIDEON developed visual modeling creates dynamic 2D & 3D mapping of the working environment while object detection with AI lets it work around people with confidence. TREY automatically identifies and adjusts for dozens of pallets, racks, and cage types while easily adapting to changing floor layouts and obstructions.

# TREY Heavy Duty Autonomous Forklift
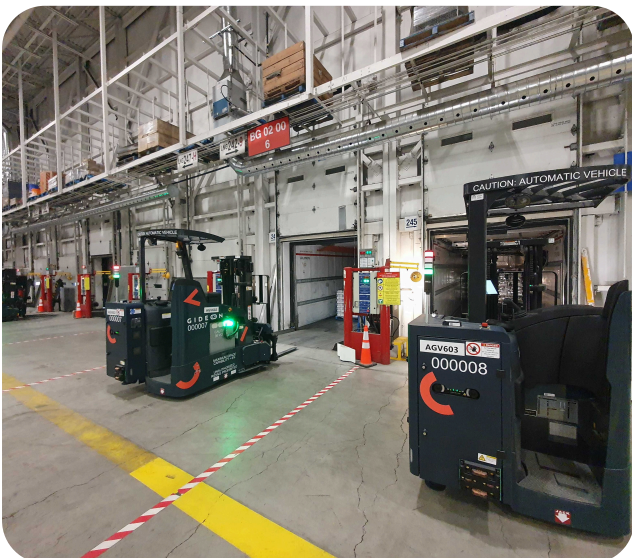


## Technical Specifications

| | |
|---|---|
| Chassis Type | Counterbalance |
| Dimensions (L x W x H) | 160.9 in x 59.1 in x 88 in |
| Weight | 10,031 lbs |
| Max Lifting Height | 53 in |
| Max Payload | 6,000 lbs |
| Forks - Standard | ITA Class III 5" x 2" x 48" |
| Battery | Li-Ion, 48V DC, 400Ah |
| Operating Time | 10+ hours at full charge |
| Charging Time | 4 hours |
| Charging Options | Opportunity Charging & Manual |
| Navigation Type | AMR |
| Worker Protection | 360° field protection via laser scanner |
| Turning Radius - F/R | 69" / 95" |

TREY is easy to set up and configure as there are no expensive modifications needed to loading docks, and TREY autonomously loads and unloads all standard trailer types.

To ensure safety and confidence, GIDEON provided training teaches operators and leads how to perform simple workflows, safety protocols, and work in the fleet management tool they'll use daily.



When questions come up, a comprehensive and responsive support team is there at the ready to help guide operation, or troubleshoot so the dock stays on schedule. Expect practical guidance for everyday use and a clear path to escalate issues— all supported by concise materials, quick training refreshers, and ongoing productivity reporting as your deployment grows.

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