

HORIZONTAL GLIDER

GGSL054

TECHNICAL SPECIFICATION

GROXX HORIZONTAL GLIDER | GGSL054 MULTI-DIRECTIONAL TRAVELER

The **Groxx Horizontal Glider (GGSL054)** is an ultra-lightweight, high-strength carriage designed for seamless navigation across horizontal lifeline systems. Engineered for maximum agility, the GGSL054 allows users to traverse complex lifeline configurations—including corners and intermediate supports—with zero manual intervention. Its openable design provides the flexibility to attach or detach the glider at any point along the system, ensuring efficient workflow and continuous fall protection.

CORE PERFORMANCE & DESIGN

- Corner & Intermediate Navigation:** Unlike standard sliders, the GGSL054 is precision-machined to negotiate corners and bypass intermediate brackets effortlessly. This ensures the user can move through multi-directional layouts without having to disconnect from the line.
- High-Strength Openable Chassis:** The carriage features an intuitive opening mechanism that allows for mid-line installation. Despite its compact and lightweight design, the forged 316 Stainless Steel body provides an impressive 25 kN breaking strength.
- Low-Friction Gliding:** The internal contact surfaces are polished to a mirror finish, reducing friction against the 8mm wire rope. This allows the traveler to follow the user's movement naturally, minimizing drag and fatigue.
- Ultra-Lightweight Profile:** Weighing only 212 g, the GGSL054 is one of the lightest gliders in its class, making it ideal for workers who require high mobility without the bulk of traditional heavy-duty travelers.



TECHNICAL SPECIFICATIONS

FEATURE	SPECIFICATION
Model Number	GGSL054
System Compatibility	8mm 7×19 Stainless Steel Wire Rope
Traveler Material	AISI 316 Stainless Steel (Polished)
Karabiner Material	AISI 316 Stainless Steel (Polished)
Traveler Breaking Strength	25 kN
Karabiner Breaking Strength	25 kN
Weight (Traveler)	212 g (± 10 g)
Weight (Karabiner)	198 g (± 10 g)

HARDWARE & CONNECTIVITY

- Integrated Connector:** The unit comes standard with the **AFC601711 Stainless Steel Karabiner**, providing a fully corrosion-resistant link between the glider and the user's personal fall arrest system (PFAS).
- Universal Interface:** Designed to be used with standard safety lanyards or Self-Retracting Lifelines (SRLs), the GGSL054 is the versatile choice for floor, wall, or overhead-adjacent horizontal lifelines.

STANDARDS & COMPLIANCE

The **GGSL054** is tested to the most stringent international requirements for mobile anchors on flexible lifelines:

- EN 795:2012 Type C:** Certified for use as a mobile anchor point on flexible horizontal lifeline systems, ensuring reliability under both static and dynamic fall arrest loads.

THE GROXX ADVANTAGE

The **GGSL054 Horizontal Glider** stands out for its "set-and-forget" functionality. By engineering a traveler that handles corners as easily as straight runs, Groxx ensures that safety never slows down productivity. Its full 316 Stainless Steel construction makes it the definitive choice for offshore platforms, chemical plants, and high-exposure coastal installations where weight and corrosion resistance are paramount.