



# The Portable Sand Buddy™

"Wherever You Go, Sand Buddy Goes"



Expensive sanding solutions such as bulky sand buggies and large sand tower systems are often over-engineered, costly to install, and expensive to maintain. That's why we designed the Portable Sand Buddy – a simple, safe, and durable solution that gets the job done without unnecessary complexity or excessive costs.

**Engineered for Simplicity, Built for Reliability**

- ✓ 50-Gallon Sand Capacity
- ✓ No Complicated Systems
- ✓ No Air Compressors Required
- ✓ Wireless Remote Control
- ✓ Built-In Air Dryer
- ✓ Built Tough – Flat-free, knobby tread wheels for smooth movement over rail yard terrain.



**By: Rail Electrical Services LLC**

# WHY SAND TOWERS NO LONGER MAKE SENSE

## The Portable Sand Buddy™

"Where ever you go, sand buddy goes"

RailEPS.com

The Mobile, Inexpensive Sanding Solution for Railroads

### THE INDUSTRY PROBLEM

Most railroads are stuck with:

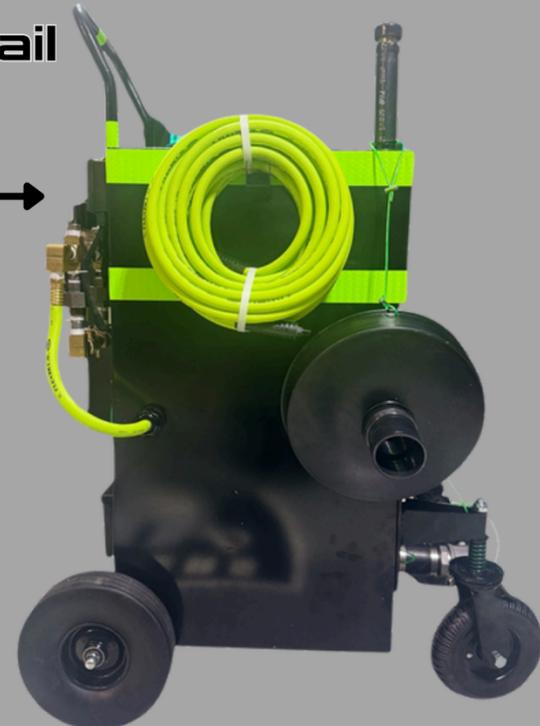
- ✗ Fixed sand towers with installed costs that can exceed \$1,000,000
- ✗ Expensive foundations, permits, and infrastructure
- ✗ Mobile sand buggies can exceed \$100K with high maintenance
- ✗ Dedicated air compressors and external power
- ✗ Limited mobility and yard access
- ✗ Long downtime when systems fail

### WHY PORTABLE SAND BUDDY

- ✓ Mobile – roll it to any locomotive
- ✓ No air compressors required
- ✓ No external power required
- ✓ Uses locomotive main reservoir (MR)
- ✓ Lower stored energy than pressurized systems
- ✓ Fraction of the cost of sand towers and sand buggies
- ✓ No permits or permanent installation
- ✓ Minimal maintenance
- ✓ Deploys in minutes



YES!



#### Large-Capacity Sand Loading Funnel

Designed for fast, clean filling of Portable Sand Buddy™



**Low Batt Indicator**

**2.5 inch 135° Air Intake**

**Vacuum Relief Valve**

**Sand Fill Hole**

**Three Sand Activation Options:**

- 1. Wireless Remote**
- 2. Manual on Button**
- 3. Manual on Air Valve**

**Sand Flow Indicator**

**Air Regulator with Air Dryer**

**12 Volt Rechargeable Battery**

**Grounding Clamp**

**360° Swivel Wheels with Brakes**

# Our Custom Hopper Adaptors



This adaptor (left) is specifically built for the new Stadler KISS EMU. Simply insert the adaptor into the hopper opening—where it securely connects the breather line to the vent hole. This setup helps keep harmful dust out while allowing clean air in, ensuring proper ventilation during sand refills.

Once the adapter is in place, operators can step away and use the wireless remote to add sand—no need to stay near the unit during operation.

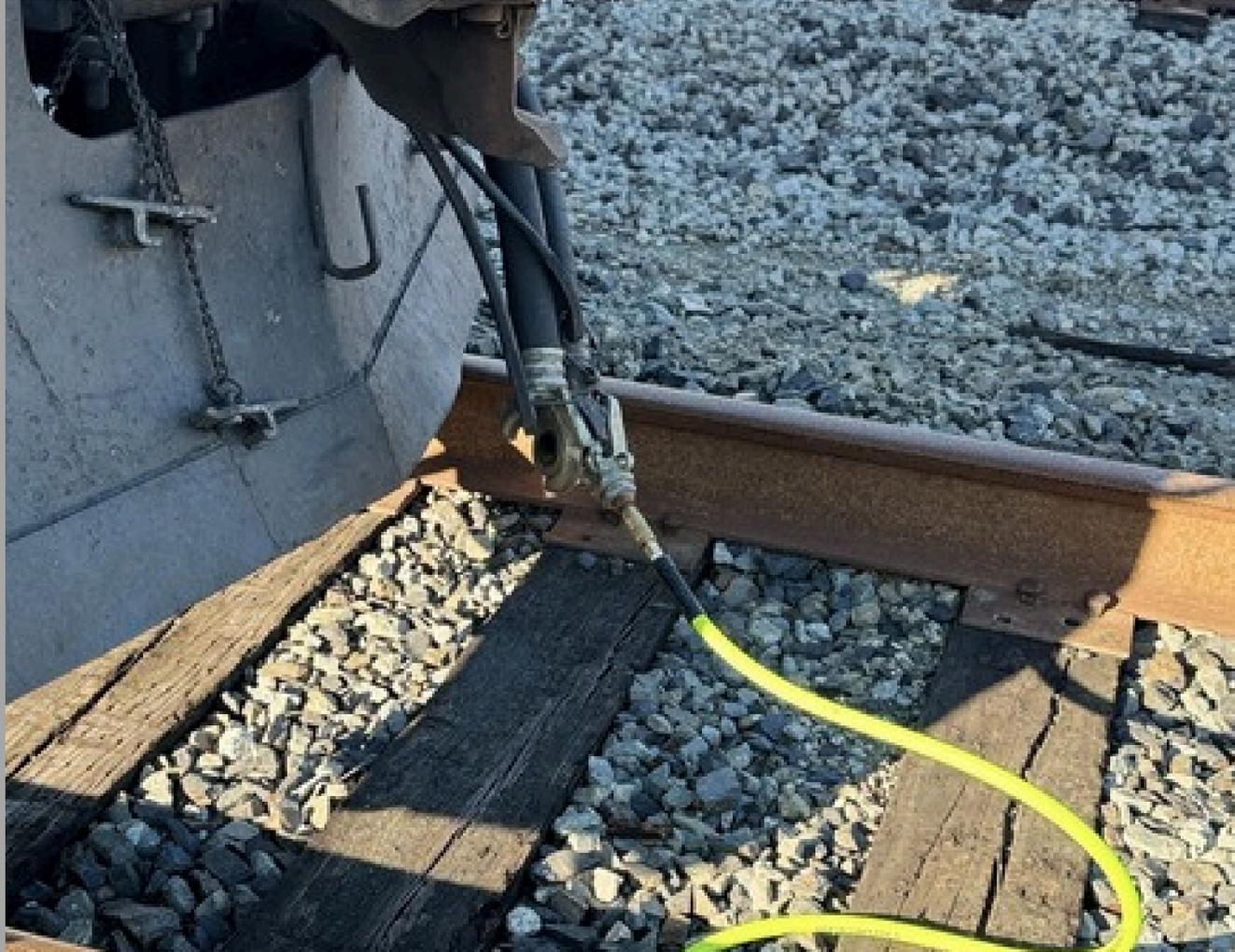


Stadler KISS EMU

Locomotive Standard Sand Hopper Adapter For OEM sand fill connections



# Air Adaptor Options Available for all types of Main Reservoirs



# R.E.S Electro Static Dissipative Hose

## Features:

- ✓ Static Dissipative Polyurethane Alloy – Built-in IDP technology for permanent ESD protection
- ✓ Seven-Strand Copper Ground Wire – Ensures safe static discharge
- ✓ Integrated Grounding Connector – Keeps the entire system bonded
- ✓ Highly Flexible & Abrasion-Resistant – Built for durability and ease of use
- ✓ Smooth Interior – Maximizes sand flow efficiency
- ✓ Standard Size: 1.5" diameter, 25 ft length
- ✓ Adapters Available – Compatible with various hopper types
- ✓ Easy Connection to Sand Buddy – Secure and reliable hookup



## What is ESD & IDP?

⚡ ESD (Electrostatic Discharge) – Prevents static buildup that can damage equipment or create hazards.

🔗 IDP (Inherently Dissipative Polymer) – Advanced polymer that permanently dissipates static without coatings or additives.

🔗 Seamless Integration with the Bonded Sand Buddy System – The ground connector clip ensures the hose stays fully bonded, providing maximum safety and efficiency!

# ASK ABOUT OUR CUSTOMIZABLE ELECTRIC YARD VEHICLES

Designed for Rail Yards • Built to Order

Most yards end up buying multiple vehicles to handle different jobs — sand handling, maintenance, battery support, and even welding. We customize fully electric, multi-task yard trucks that combine those functions into a single platform. It can integrate a Sand Buddy system, serve as a maintenance-on-the-go truck, jump-start or charge locomotive batteries, and power a welding unit. For restroom servicing, we also offer a dedicated electric honey wagon built with separate waste and fresh-water tanks. Everything is designed around your yard — terrain, duty cycle, and workflow, with 4×4 available for rough or rocky areas. Tell us what problems you're trying to solve, and we'll design the truck to match.



## BUILT FOR REAL YARD CONDITIONS

- ✓ Heavy-Duty Yard Tires & Reinforced Suspension
- ✓ Rear Tow Hitch for Carts and Trailers
- ✓ Rearview / Reverse Camera
- ✓ Air Conditioning, Heating, and Defrosters
- ✓ USB & 120-VAC Device Charging Outlets
- ✓ Integrated Work Lighting for Night Operations



[www.RailEPS.com](http://www.RailEPS.com)