

MACTON<sup>®</sup> Transportation Products

## PORTABLE SANDING SYSTEMS

For Locomotive Maintenance Facilities



The Macton portable sanding system provides convenience and flexibility when adding sand to a locomotive that is away from the service station or as an addition to an existing sanding system.

The Macton portable sanding system is mounted on a trailer that can be towed by a truck with a pintle hook hitch. It is DOT approved and can be transported on public roads, including highways - a feature not available on all portable sanding systems. The sanding system is charged using an on board air compressor. The optional sand silo may be used to load sand into the holding tank on the sand trailer. The sand is easily dispensed into the locomotive by placing the sanding wand into the locomotive sand box and opening the discharge valve. When the filling process is complete, the operator closes the discharge valve to stop the flow of sand and opens the purge valve to purge the sand from the hose. Purging the sand hose facilitates the removal of the hose and eliminates sand spills.

Designed for convenient and reliable operation, the Macton sanding trailer and optional storage silo are built to be the most rugged, reliable, and easy-to-use unit of any system available.



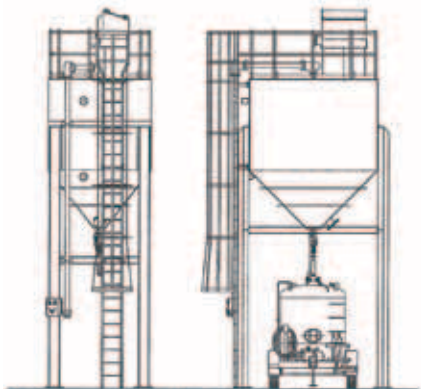
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# TYPICAL SPECIFICATIONS

## Portable Sand Trailer and Silo

### Silo Specifications

- 30 Ton Capacity
- Dust filter sized for truck delivery
- 4 foot fill line
- High and low level bin switches
- OSHA caged ladder
- 4 foot Outlet and 6 foot cleanout
- Water tight access hatch
- Pressure relief valve
- Fill control panel
- 3 foot spring-loaded sand shut-off valve



### Sand Trailer Specifications

- 10,000 lb capacity portable sand dispenser
- 25 foot sand hose
- DOT approved and can be transported on public roads, including highways - a feature not available on all portable sanding systems
- Sand delivery wand with discharge valve to control sand flow
- Purge valve to purge sand from wand after fill up
- 25 foot air supply hose
- Top hatch for loading sand with 10 inch inlet
- Air compressor to charge system
- High level bin switch to indicate when tank is full
- Sand filter with dryer and silencer
- Vent valve to relieve tank pressure when not in use
- Pintle hook trailer connection
- Low level indicator to warn the operator when the sand in the holding tank reaches minimum level
- Low level air cut off to prevent blow back when the holding tank is empty
- A control panel on the sanding trailer provides pushbutton control valve operation

The above specifications apply to Macton's standard Portable Sanding System with Silo. Macton combines over 30 years of Rail Shop Equipment experience with extensive in-house engineering capability to provide our customers with the option of custom-engineered systems to accommodate special applications or site requirements.

For more information on Portable Sanding Systems and a complete list of Macton Rail Shop Equipment and Capabilities, please visit us on the web at [macton.com](http://macton.com) or email Denise Louder at [dlouder@macton.com](mailto:dlouder@macton.com).



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