ROCK SYSTEMS.COM

PROCESSING EQUIPMENT FOR
THE CRUST OF THE EARTH

Rock Systems Model 108
Portable & Stationary
Blending Hopper/Cold Feed Bins









Hoppers Each hopper is 9'-6" wide x 14' long with 20 tons storage capacity constructed of 1/4" thick steel plate with reinforcing; self-relieving tapered hopper bottom opening to minimize bridging; full length skirtboards with adjustable rubber flashing to prevent leakage between hopper bottom and belt feeder; adjustable discharge gate to control material flow from each hopper.

Feeders Each belt feeder is 30" wide x 8' long with fixed speed 5 h.p. electric motor; shaft mount speed reducer; v-belt drive; rubber lagged head pulley; self-cleaning tail pulley; pillow block bearings; screw take-up assemblies; CEMA “C” flat belt idlers with 5" diameter rolls mounted on close centers; 3 ply vulcanized endless conveyor belting; OSHA drive, tail and nip guards.

Collecting Conveyor 36" wide with electric motor; shaft mount speed reducer; v-belt drive; rubber lagged head pulley; self cleaning tail pulley; pillow block bearings; screw take-up assemblies; CEMA “C” troughing and return idlers with 5" diameter rolls; conveyor belting with 3/16" x 1/16" rubber covers; OSHA drive, tail and nip guards; 9'-6" long conveyor extension beyond the hoppers which folds for transport.

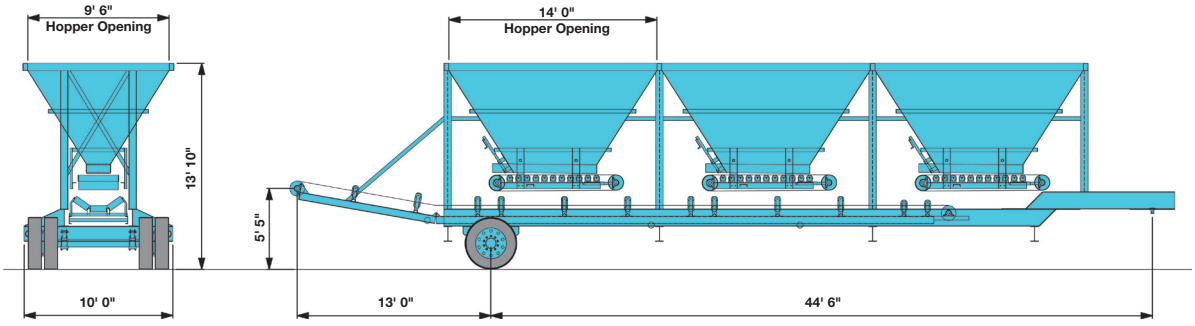
Structure Portable trailer or stationary structure constructed of heavy duty wide flange beams; wide flange vertical beams and angle iron cross members tie all hoppers and structure together for optimum rigidity.

Finish One rust inhibitor prime coat and one finish coat paint.

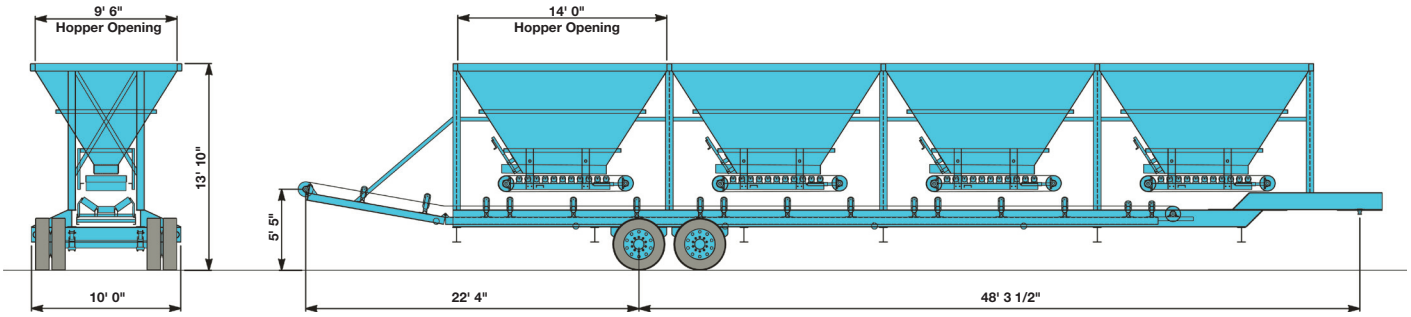
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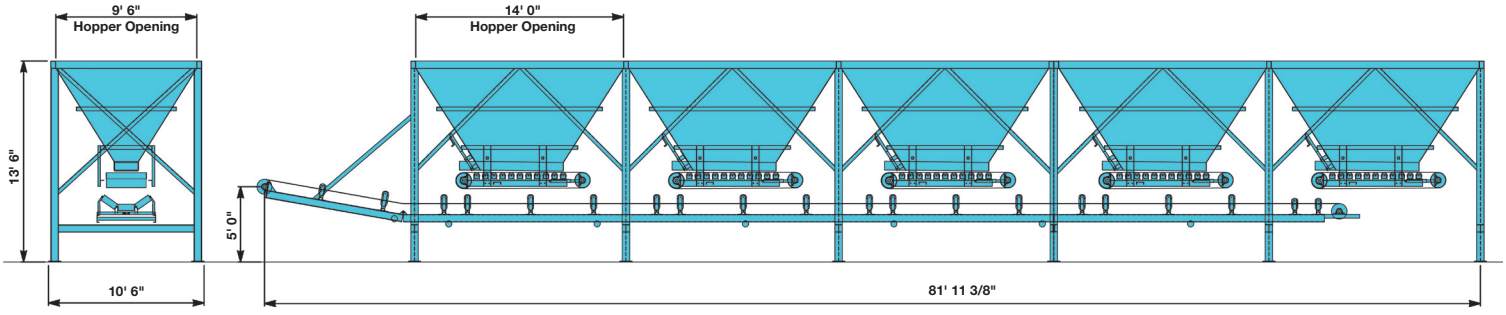
Portable 3 Bin



Portable 4 Bin



Stationary 5 Bin



Options

- Skid Mounted Support Structure
- Electric Motor Controls & Wiring
- Bulkheads
- Bin Dividers
- Grizzly to Remove Oversize Material
- Hopper Liners
- Material Flow Controls
- Side Wall Belting for Feeders
- RAP Bins
- Air Cannons
- Screw Conveyors
- Walkway with Handrails

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