



SAMSON Truck Unloader (all photos SAMSON)

WE CONVEY QUALITY

Additional Samson® Truck Unloader for AS Silsteve at the Port of Sillamae, Estonia

This Samson® Material Feeder receives bulk fertilizers and grain direct from 45 tonne tipping trucks and discharges onto an ongoing SAMSON Shiploader at a peak output rate of 625 m³ per hour. It complements the existing SAMSON Shiploader with twin Samson® Feeders which has been active at the Port of Sillamae, Estonia, since 2015 plus another SAMSON Shiploader supplied a few years earlier.

The mobile Samson® Feeder includes a wide rubber belted apron design

unit mounted on a steel structure and supported by double apron bars located at every pitch of the conveyor chain. To accommodate a variety of trucks and loaders the entry design includes a wide flared entry section thus increasing the volume of the feeder entry and reducing vehicle alignment time.

As fertilizers and grain are free-flowing materials this material feeder is fitted with a cross-cleat belt to stop material roll-back during transfer. The discharge chute and all possible hose ends, couplings and bolting

are in stainless steel to prevent against corrosion and provide longevity when handling fertilizers.

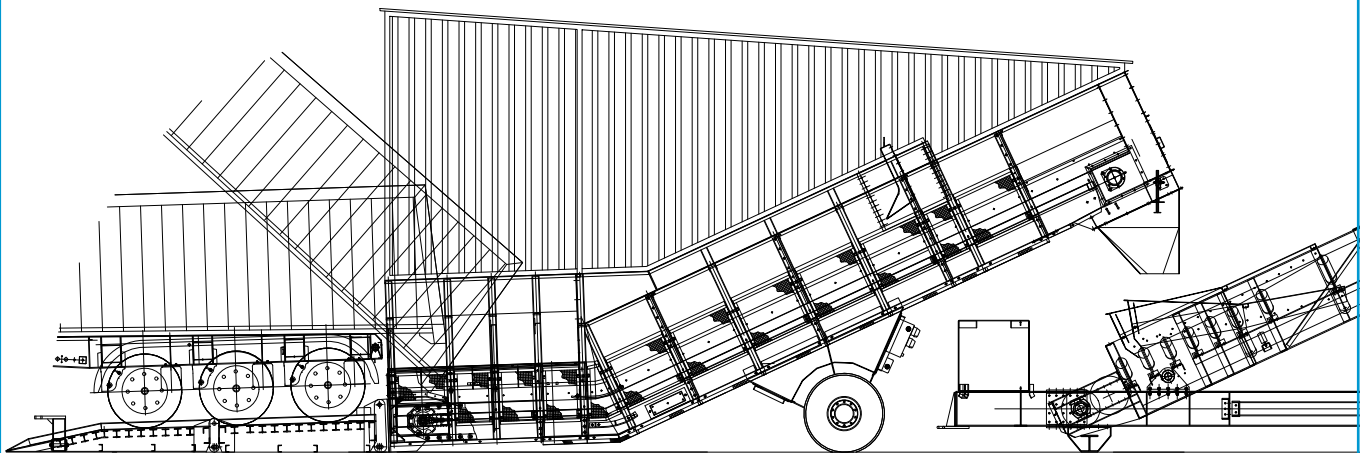
This Samson® Feeder is wheel mounted and towable using the access ramps. For ship loading the unit can be positioned at a 180° arc around the Shiploader reception hopper ensuring flexibility considering positioning when loading and/or any quay or access restrictions.

Key Features

- Wide rubber belted apron feeder
- Double apron bar design
- Flared vehicle entry to tail section
- Tow travel mobility
- Reinforced integral truck access ramps
- Belt cross cleats for free flowing materials
- Levelling blade output control
- Integral centralising head chute in stainless steel

Benefits

- Strength of a chain feeder with the cleanliness of a belt conveyor
- Rapid set up and operation
- Heavy duty and corrosion resistant
- Easily integrated with existing equipment
- Adaptable to changing site requirements
- Easy to maintain



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Data

Samson® Length: 10.5m
Samson® Output Rate: 500 tph

Samson® Series: 450S
Materials Handled: MAP, DAP, Urea and Grain