



STORING



Even Flow



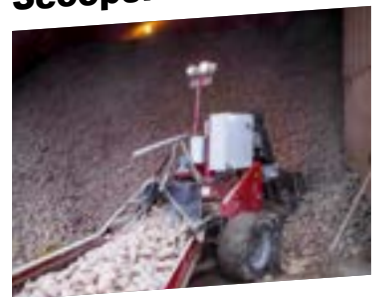
Eliminator



Piler



Scooper & Conveyor



1800 Even Flow

RECEIVING

ENTRY-LEVEL EVEN FLOW

With 600 cwt capacity and a 48-Inch wide elevator the 1800 is our entry version of an Even Flow. This holding tank is the first step toward streamlining your trans-load or storage operation. The constant movement of the product inside the hopper breaks up clods and helps to manage dirt downstream.



1800 Even Flow

Elevator 
48 Inch Wide
Chevron or Cleated

Pups 
2 x 30 or 36 Inch
Auto Flow Option

S4 Control 

600 cwt Bin
(30 Ton)

Bottom Belt 
42 Inch

Controls Bottom Belt

Transport
Wagon Style Steering



S4 Control System
Precisely monitors the speed of elevator and bottom belt. in feet per minute (or meters per minute).



Elevator Sensor
Ensures a minimum drop height and minimum bruise potential.



Turkey Roost Option
Prevents product bridging in heavy soil conditions.



Tarp Option
Prevents product from exposure to the elements.

1830 Even Flow

RECEIVING

HIGH PERFORMANCE AND CAPACITY

Our biggest Even Flow yet. 1000 cwt capacity and a wide, 60-Inch elevator make this Even Flow a tool that improves the unloading time of trucks as well as your line downstream. Bolttable side walls allow this machine to be shipped in a container.



1830 Even Flow

Elevator OPT
60-Inch Wide
Chevron or Cleated

Pups OPT
2 x 30, 36 or 42-Inch
Auto Flow Option

S4 Control OPT

1000 cwt Bin
(50 Ton)

Bottom Belt OPT
42-Inch

Controls Bottom Belt

Transport
Wagon Style Steering

Boltable Side-Walls
Container Shipping



S4 Control System
Precisely monitors the speed of elevator and bottom belt.
in feet per minute (or meters per minute).



Elevator Sensor
Ensures a minimum drop height and minimum bruise potential.



Capacity
1000 cwt holding capacity for high demanding, high capacity operations.



Container Shipping
Boltable sidewalls allow a single machines to be shipped in
a 45-foot high cube container.

1860 Even Flow

RECEIVING

HIGH-PERFORMANCE OPERATION

With 600 cwt capacity and a 60-Inch elevator this our most popular Even Flow. The wide elevator allows the attachment of two, high-volume pups. This allows 2 Trucks to be unloaded at a time.



Kirk Fisher, Wada Farms, Michaud, Idaho

"The Even Flow with its wide elevator belt and two pups attached enabled us to unload 2 trucks at a time at full speed. We were unloading Trucks in between 2 and 3 minutes. The downtime with sitting and waiting just wasn't there."



1860 Even Flow

Elevator 
60-Inch Wide
Chevron or Cleated

Truck Power 

Pups 
2 x 30, 36 or 42-Inch
Auto Flow Option

S4 Control 

600 cwt Bin
(30 Ton)

 **Bottom Belt**
42 or 48-Inch

Controls
Bottom Belt

Transport
Wagon Style Steering



S4 Control System
Precisely monitors the speed of elevator and bottom belt.
in feet per minute (or meters per minute).



Elevator Sensor
Ensures a minimum drop height and minimum bruise
potential.



Turkey Roost Option 
Eliminates bridging in heavy soil conditions.



Chevron or Cleated Belt Elevator 
Optional Cleated belt.

1872 Even Flow

RECEIVING

HIGH-PERFORMANCE OPERATION

With 600 cwt capacity and 72-Inch wide belts throughout the Even Flow, this machine is a perfect match for big eliminator units. Distributing product over the full width of the machine helps the separation and handling effect. The 1872 helps increase separation while decreasing handling effects.



1872 Even Flow

Elevator 
60-Inch Wide
Chevron or Cleated

Truck Power 

Pups 
2 x 36 or 42-Inch
Auto Flow Option

S4 Control 

600 cwt Bin
(30 Ton)

Bottom Belt 
72-Inch

Controls
Bottom Belt

Transport
Wagon Style Steering



S4 Control System
Precisely monitors the speed of elevator and bottom belt in feet per minute (or meters per minute).



72-Inch Wide
Elevator and Bottom Belt are 72-Inches (1.8m) wide for unparalleled capacity.



Back Door Open
Lift the back door up and out of the way for a gentle product handling and skin-sensitive varieties.



Back Door Closed
Close the door back up to manage dirt and help break up clods.

Custom Eliminators

SEPARATING ELIMINATE FOREIGN MATERIAL

Our Eliminators are custom-build machines to precisely meet each customer's needs. Several different options in the receiving, separating, sizing, picking and discharge areas give numerous configuration possibilities.

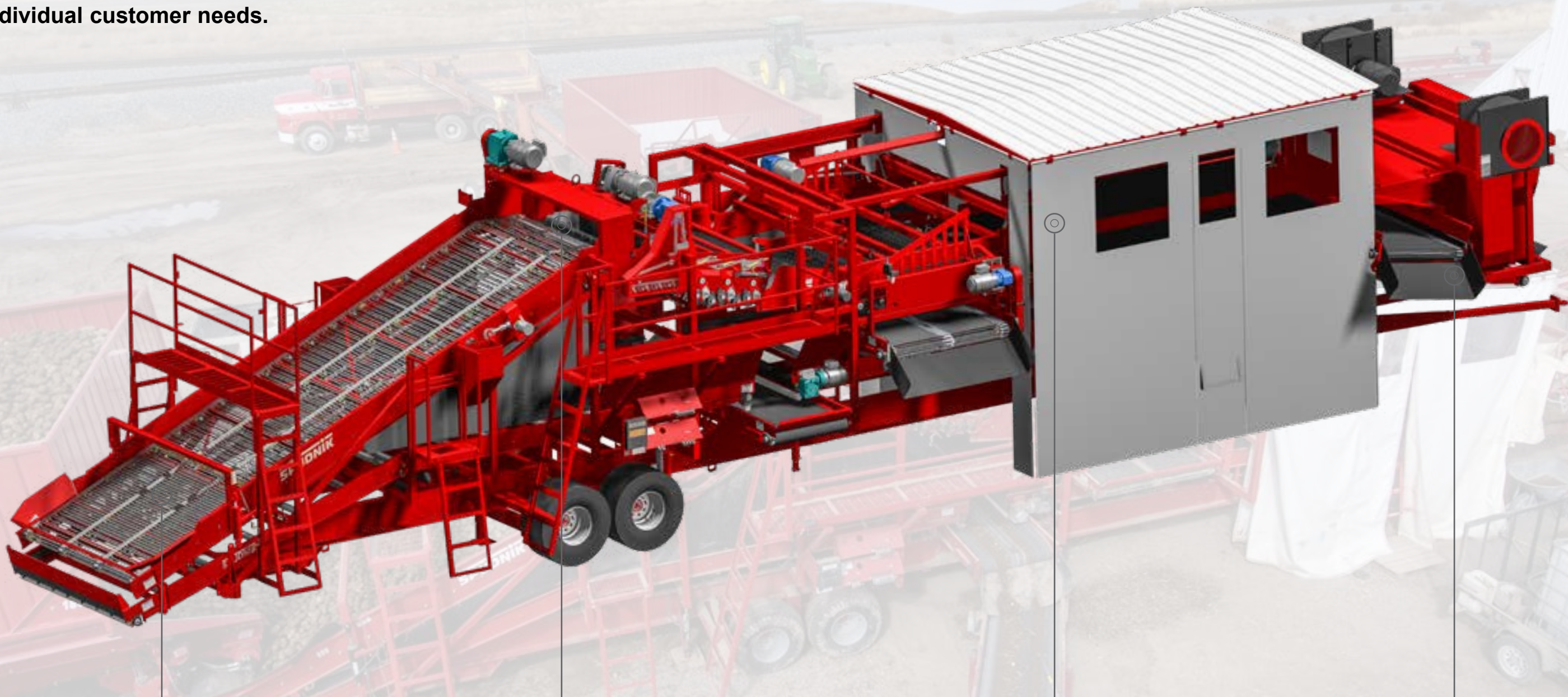
Kirk & Chris Fisher, Wada Farms

"We nicknamed the machine THE BEAST. We were hoping it would do a phenomenal job and it did! It's an amazing machine."



Custom Eliminators

Our Eliminators are modular, custom built machines that match our individual customer needs.



Intake / Elevator OPT
48" / 60" / 72" / 84" / 96" Chain or Belt
Spreader Roller Option
Picking and Catwalk Options



Separation Units OPT
Star Table (Page 18), SimpleSep (Page 19), Roller Star (Page 20), Multi Sep (Page 21), Blower (Page 22), AirSep (Page 23), Pintle Belt (Page 24)



Sizing and Picking OPT
Sizing Table: Spring Table, Scissor Table
Picking Table: 10' (4 people), 12' (6 people), 14' (8 people)



Discharge OPT
End Cross (feeds e.g. conveyor)
Straight (feeds e.g. even flow)
Air knife option (finishing tool)

Custom Eliminator Examples

Green Vines

Equipped with a Roller Star followed by a picking table this eliminator was specifically designed to eliminate green vines.



Corn Trash

Equipped with a big blower unit this eliminator was specifically designed to eliminate corn trash and small vines.



Sizing

Equipped with two sizing tables in series, this eliminator is being used as a precise sizing tool.



AirSep Eliminators



Model 991

High capacity eliminator with the AirSep separation unit. Very effective and efficient for dirt, rocks, heavy clods, vines and corn trash.

Available in 72-Inch width.



Model 992

Small unit that is easy to move and used in combination with a Grimme RH or other elements in a storage system.

Available in 48-Inch width.

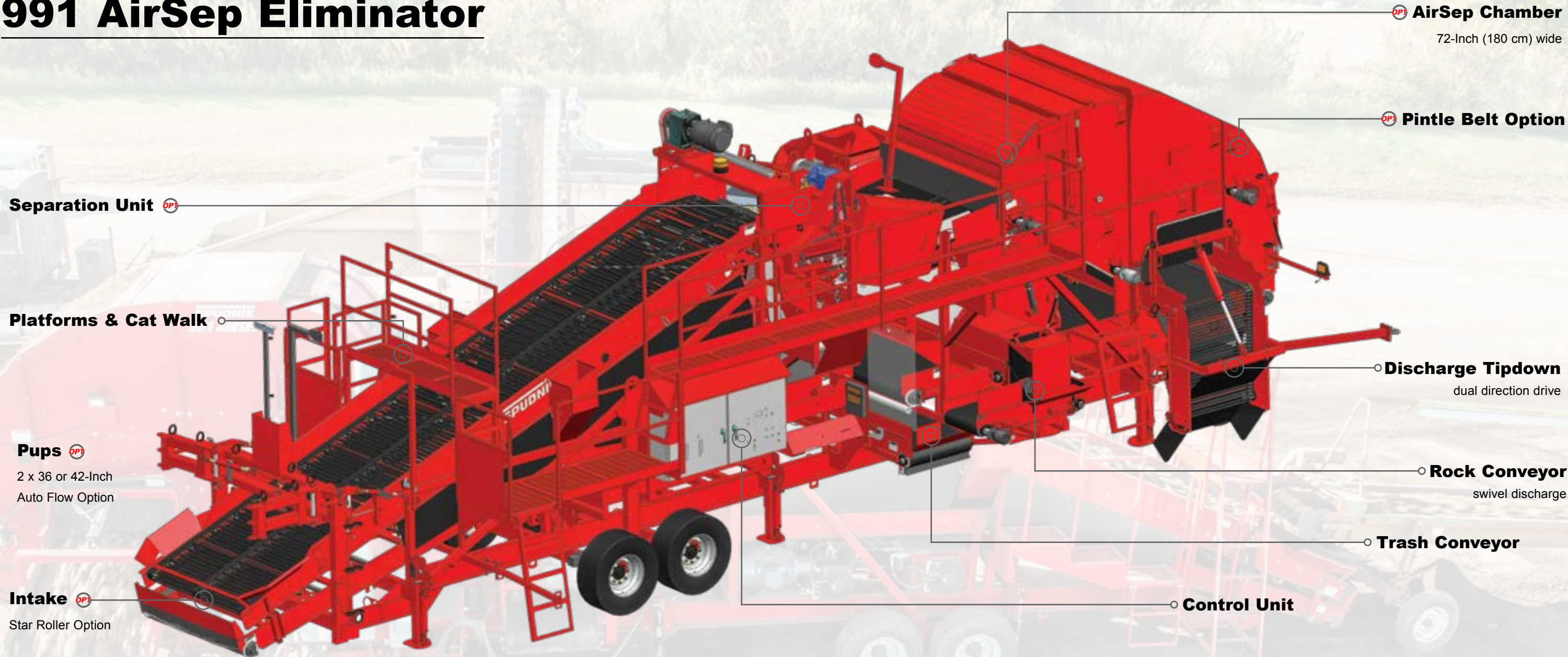


Model 994

High capacity eliminator with a cleaning table (e.g. MultiSep) used in conjunction with the AirSep. Eliminates all common foreign material with unparalleled capacity.

Customizable unit, available in 72 or 104-Inch width.

991 AirSep Eliminator



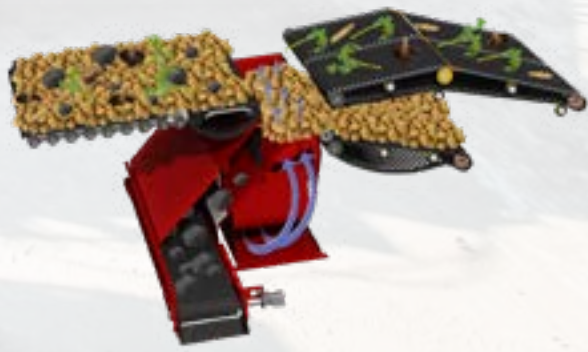
Trash Conveyor
Thanks to the dirt return belts, all separated foreign material is transported onto a single trash conveyor and discharged from the machine at a single location.



72-Inch Wide
The 991 is 72-Inch wide to handle capacities of 2,000 sacks/h (90 tons/h)



Operator-Friendly
Simple, industrial electrical controls make the machine easy to operate and control. In "Maintenance Mode" functions can be operated separately for maintenance.



AirSep Separation
Rocks sink down onto a rock conveyor and lighter material such as vines will blow up onto a trash belt exiting the machine in the back.

992 AirSep Eliminator

Drive System

Electric or Tractor PTO

Elevator

48-Inch (120 cm) wide to handle
1200 sacks/h (54 tons/h)

Controls

Turnbuckles to
lower the Elevator

Support Jacks

AirSep Fan

AirSep Chamber

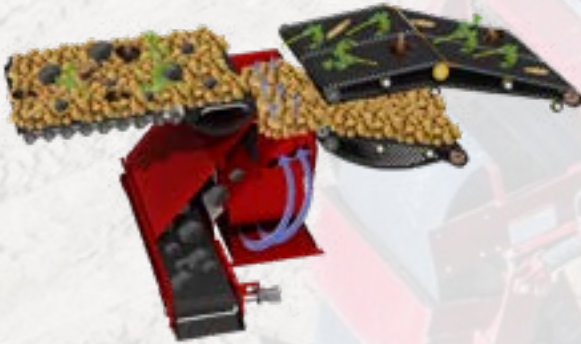
48-Inch (120 cm) wide

Vine Discharge

Potato Discharge

Removable Drawbar

Rock Discharge



AirSep Separation

Rocks sink down onto a rock conveyor and lighter material such as vines will blow up onto a trash belt exiting the machine in the back.



Controls

Easy, operator-friendly, hydraulic controls.



Combined with Grimme RH

This machine was designed to work in combination with a european style Receiving Hopper.



Container Shipping

This machine can be shipped in a 20 foot high cube container.

994 AirSep Eliminator



Trash Conveyor
Thanks to the dirt return belts, all separated foreign material is transported onto a single trash conveyor and discharged from the machine at a single location.



105-Inch Option
Optional the 994 can be built as a 105-Inch (2.6 m) wide machine. This is SPUDNIK's highest capacity AirSep to handle up to 3000 sacks/h (135 tons/h).



Operator-Friendly
Simple, industrial electrical controls make the machine easy to operate and control. In "Maintenance Mode" functions can be operated separately for maintenance.



Upper Controls
Adjust the separation units on top of the machine to instantly see results and fine-tune the separation effect.

480 Piler

STORING

SIMPLE AND MANEUVERABLE

The 480 Piler is ideal for short and narrow storages that still require a high storage volume output per hour. A hydraulic lift axle enables this machine to be lowered so that it can fit into shorter storages. The continuous-belted boom makes this a very gentle piler that is perfect for chip potatoes.



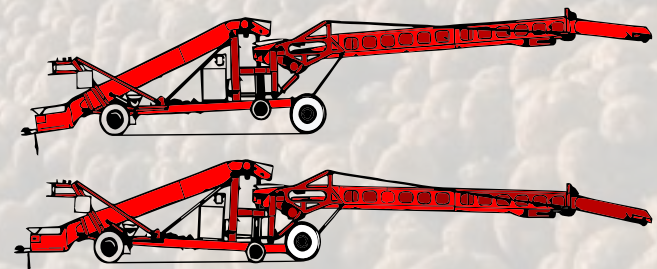
480 Piler



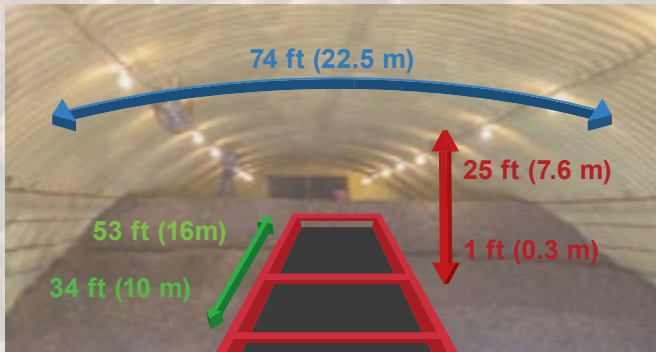
Ideal for Narrow, Short Storages
The design of the 480 Piler was specifically tailored for confined storage units with low entrance thresholds.



Gentle Transition
Low drop from elevator onto the boom for minimum bruise potential.



Flip Axle
Flexible operation with bolt-on axle (high and low position) for trailer loading or driving into cellars with an entrance height under 8 feet (2.5 m).



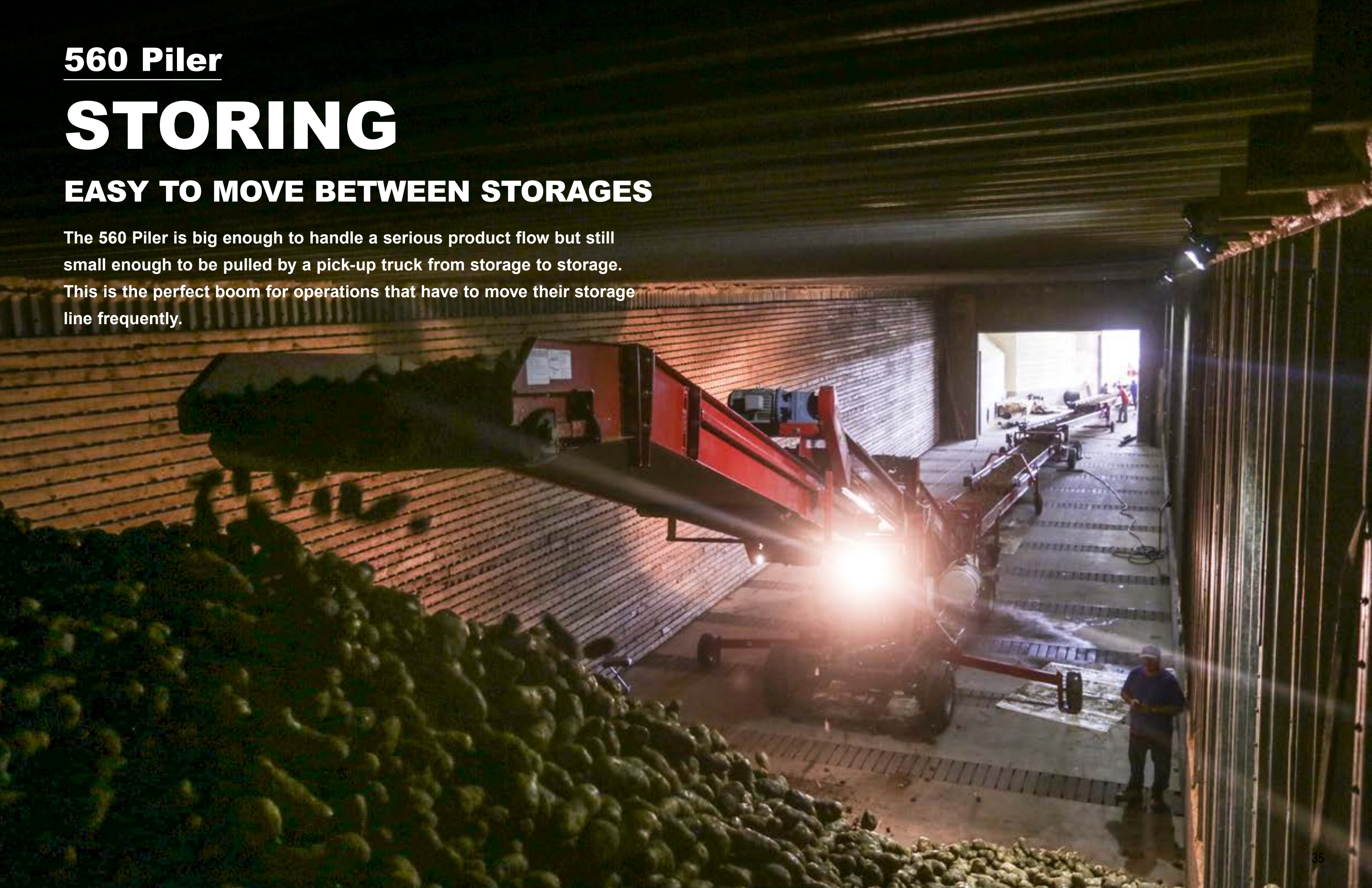
Boom Swing
Side to side (blue), in and out (green) and up and down (red) reach of the piler.

560 Piler

STORING

EASY TO MOVE BETWEEN STORAGES

The 560 Piler is big enough to handle a serious product flow but still small enough to be pulled by a pick-up truck from storage to storage. This is the perfect boom for operations that have to move their storage line frequently.



560 Piler



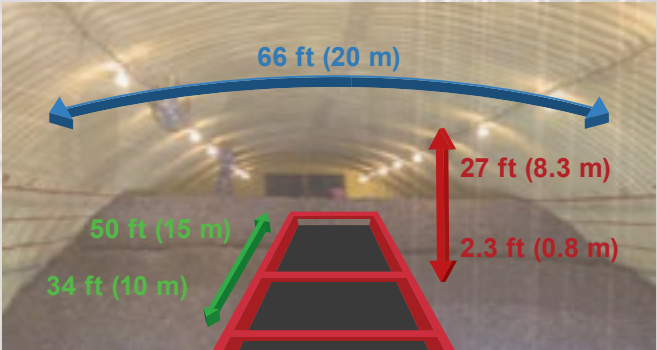
Dirt Conveyor
Loose dirt falls through the elevator chain and onto the conveyor. Primarily for fine dirt removal.



Variable Speed Control
Infinite adjustment of the belt speed to fine tune the product flow.



Conventional Remote
Industry standard for operating a Piler safely and comfortable. The Spudnik Remote is durable, user friendly and intuitive to use.



Boom Swing
Side to side (blue), in and out (green) and up and down (red) reach of the piler.

780 Piler

STORING

MID-RANGE ALL-ROUNDER

The 780 Piler is our most popular model. The boom is ideal to be used filling semi trucks while scooping potatoes.

Jim Pitreau, Green Thumb Farms, Fryeburg, Maine

"Before the 780 our piler was the bottle neck. With this new piler we can unload our trucks gentle and at full speed. It helped tremendously to make our operation fluid from field to storage."

780 Piler

Elevator

36 or 42-Inch wide (1,5 m)
Chevron, Cleated or Chain

Working Lights

Attachments

Pup or Scooper

Auto Speed

Boom

36 or 42-Inch wide,
Continuous Belt or Two Belt

Manual Controls

Wheel Drive & Steering

Controlled by remote control,
optional Crab Steering

Variable Speed Control

Dirt Conveyor Option



Eliminator Table

An optional separation unit can be placed in between the Elevator and the Boom. This option is ideal for separating loose dirt when unloading a cellar unit.



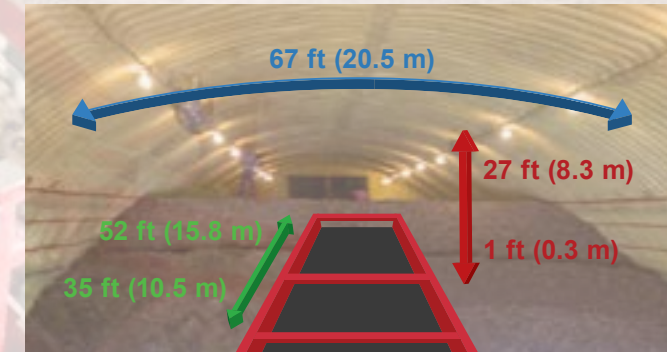
Hydraulic Tip Down

This option allows the operator to adjust the Tip Out of the Boom and lower the drop height e.g. into trucks.



Load Trucks

The 780 Piler is the perfect Truck loading tool. It is long enough to fill semis without being too wide to be difficult to handle product flow into the truck.



Boom Swing

Side to side (blue), in and out (green) and up and down (red) reach of the piler.

850 Piler

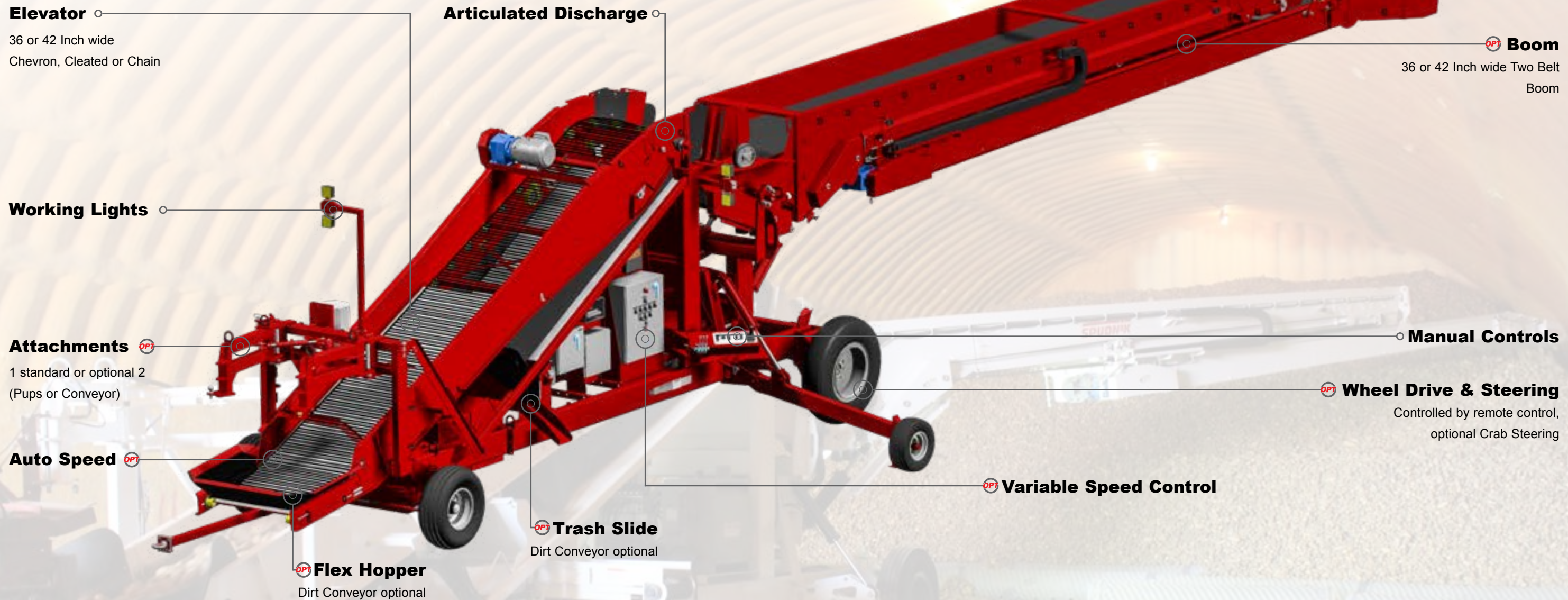
STORING

HIGH-END HIGH-CAPACITY

The 800 Piler Series is SPUDNIK's high-end piler. High capacity piling meets gentle product handling. Fine controls tied to a new hydraulic system enable the operator to control multiple piler functions at the same time. Every function can be sped up or slowed down infinitely ensuring a steady and smooth operation.



850 Piler



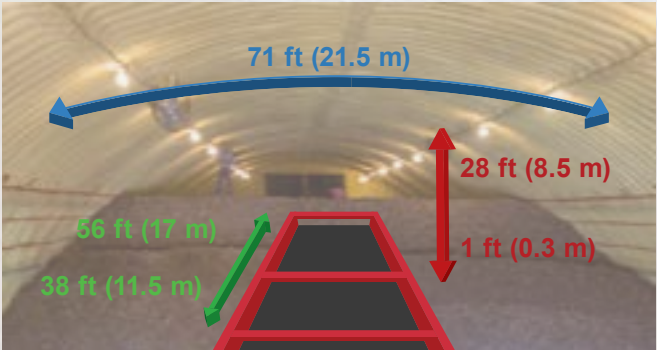
Electric Drive System
Reliable, more efficient and clean, without risk of contaminating product with hydraulic fluid, all drives on the Pilers are electrical.



Precision Remote
Simultaneously control multiple piler funktions.The functions react in proportion to the depth of the button press.



Electronic Joystick Control
The joystick on the manual control panel enables the operator to finely control the boom of the piler in challenging areas or when loading trucks.



Boom Swing
Side to side (blue), in and out (green) and up and down (red) reach of the piler.

880 Piler

STORING

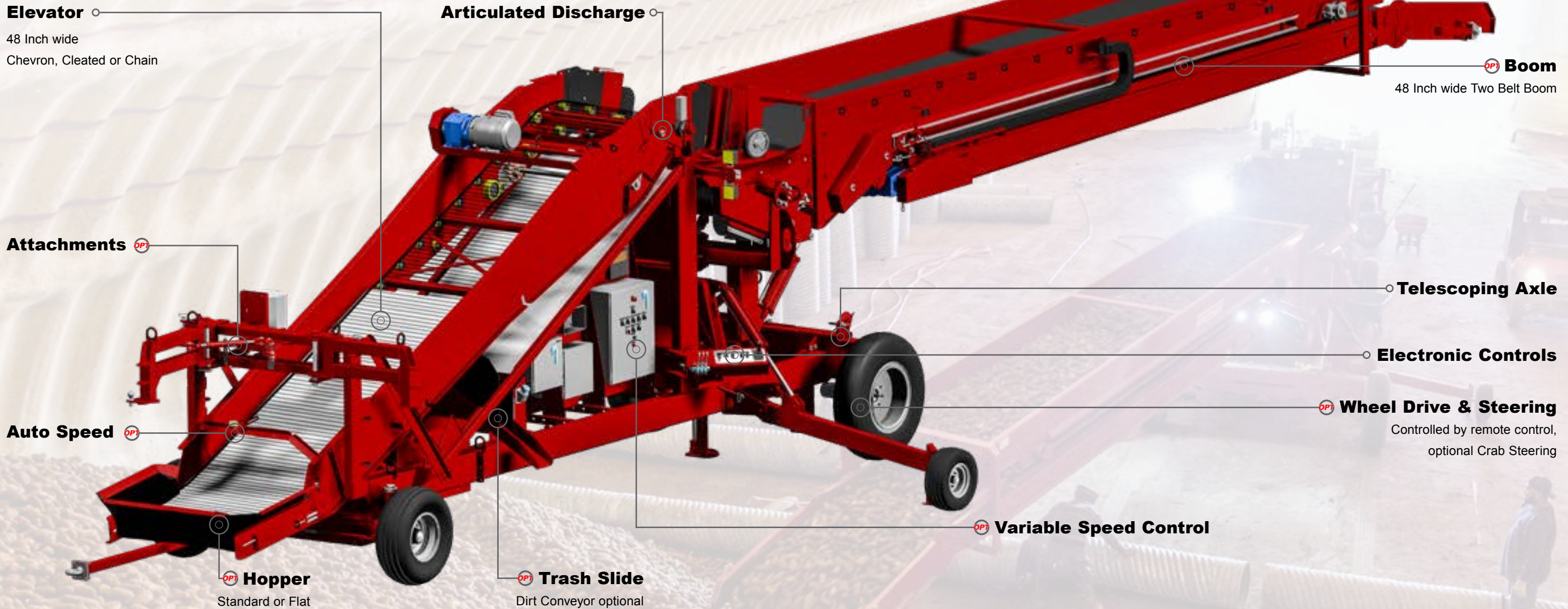
CAPACITY MEETS FINESSE

The 800 Piler Series is SPUDNIK's high-end piler. Extremely high capacity meets gentle product handling. Fine controls tied to a new hydraulic system enable the operator to control multiple piler functions at the same time. Every function can be sped up or slowed down infinitely ensuring a steady and smooth operation.

Chris Fisher, Wada Farms, Michaud, Idaho

"The benefit of this machine is it's size. This 48 Inches just put away huge amount of potatoes very quick. The new controls make the operation of the piler very smooth so there is no jamming of the boom. It's just a consistent movement."

880 Piler



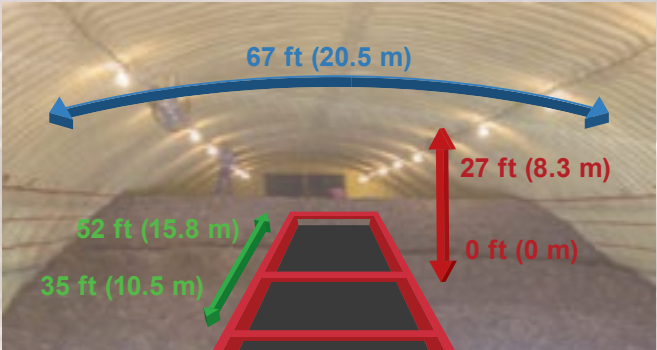
Optional Flat Hopper
Longer hopper intake to give the product more time to settle onto the belt before transitioning onto the elevator. Prevents roll back and is gentle on the product.



Optional Road Axle
A street road axle including a pneumatic break system enables the operator to pull it safely at 30mph over the road.



Electronic Joystick Control
The joystick on the manual control panel enables the operator to finely control the boom of the piler in challenging areas or when loading trucks.



Boom Swing
Side to side (blue), in and out (green) and up and down (red) reach of the piler.

150 / 350 Scooper

UNLOADING

EASY. CLEAN. HIGH CAPACITY.

The SPUDNIK Scooper has evolved over the past 60 years. Today, the product that started the company, is the leading North-American solution for unloading cellars or bottom unloading trailers.



Scooper



Dual Axle
A dual axle best suited for concrete floored cellars.



Bottom Unload Attachment
Optional attachment to unlaod bottom unloading trailers.



Chair and Controls
Comfortable, elevated seating position. The skid-steering can be controlled with two levers located on either side of the operator.



Easy Operation
Intuitive, easy control system on the side on the machine.

1300 Van Unloader **UNLOADING**

UNLOAD ENCLOSED TRAILERS

The Van Unloader is a solution based on the Scooper concept. Mounted on a solid trailer frame this machine enables customers to unload, for example, enclosed or refrigerated trailers.



1300 Van Unloader



Solid Trailer

The scooper is attached to a trailer bed that can be towed with a truck.



Telescoping Conveyor

The conveyor telescopes, so trailers up to 54-Foot can be unloaded.



Flexible Intake

The sides of the intake automatically adjust to the width of the trailer, ensuring all product gets scooped up.



Easy Operation

Intuitive, easy control system on the side on the machine.

Transport Conveyor

no telescoping	Hopper Style  Model 1200 • Optional pups, conveyor hitch, wheel drive and tip down • 30 / 36 / 42 in wide, 30 / 40 ft long	Straight Style  Model 1205 • Quick connect option • 30 / 36 / 42 in wide, 30 / 40 ft long
	telescoping  Model 1250 • Optional pups, UMC gear box and wheel drive • (30/36) or (36/42) in wide, 50 / 55 / 60 / 65 ft long	 Model 1255 • Optional quick connect option and wheel drive • (30/36) or (36/42) or (42/48) in wide, 65 / ft long



Tip Down

Gentle transition off the conveyer onto the next.



Hopper

To hang pups on or cut corners in a storage line.



Pup / Scooper Hitch

Attach pups or scoopers directly to the conveyor.



Wheel Drive

Optional conveyors can be equipped with wheel drive.



Telescoping

Enables the Piler to be moved flexibly.



Quick Connect

Straight Style Conveyors can be simply attached to each other by just pushing them together.



Scale Conveyor

The Model 1225 Scale Conveyor measures the weight of the product as it passes over the conveyor. Connected between a conveyor and a piler, it becomes a simple solution for precise loading and unloading.



Sample Taker

The Model 2350 Sample Taker can be placed in between conveyors of a storage operation. With the press of a button, a product sample gets taken out of the product flow.



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin, light gray lines. The grid covers the entire area of the page, leaving no margins or other markings. There are 20 columns and 20 rows of squares, creating a total of 400 square units.

