

PRODUCT OVERVIEW

- › A simpler, safer and more efficient way to move grain

FEATURES

- › Quick connect couplers
- › High capacity airlock and blower
- › Silencer

OPTIONS

- › Self-contained hydraulics (Model 6640)
- › Dual inlet receiver tank



GRAIN VAC

Models 6640 and 6644



Blower

The field proven Heavy-Duty 5.3 Positive Displacement Blower is the heart of the system. Castings are machined to strict tolerances to assure maximum efficiency that allows you to move grain a greater distance without using one or more expensive booster type systems.

Camlock Couplers

To achieve and maintain best performance, the airlock components

are precision machined. The steel rotors are fitted with adjustable steel tips to allow the operator to keep the airlock working at peak performance at all times. The rotor is driven by a reversible, pressure protected, hydraulic motor.

Silencer

The high efficiency silencing system reduces noise intensity by over 50% with absolutely no reduction in machine capacity. Our unique silencing design

provides greater operator comfort for years of satisfaction.

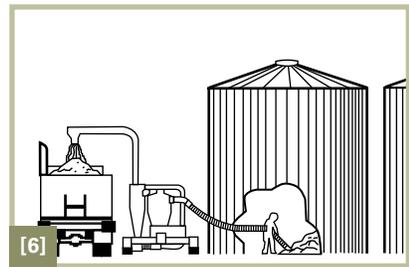
Airlock

To achieve and maintain best performance, the airlock components are precision machined. The steel rotors are fitted with adjustable steel tips to allow the operator to keep the airlock working at peak performance at all times. The rotor is driven by a reversible, pressure protected, hydraulic motor.



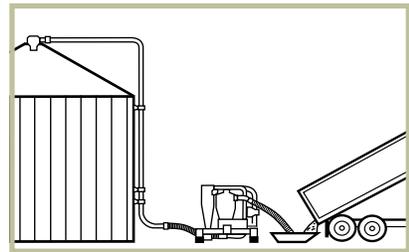
Grain is carried on a cushion of air Grain is sucked into the grain vac and enters the main cyclone. Here the grain is separated from the air and deposited into the airlock. The air from the large cyclone then moves to the second cyclone removing dust similar to the grain being separated from the air in the large cyclone. The cleaner air then moves up and out of the cyclone and goes through the blower. The pressure from the bottom of the blower pushes through the airlock moving the grain out to your truck or bin.

[1] Silencer [2] Dust Separation [3] Airlock [4] Blower [5] Camlock Couplers [6] Grain Vac Uses - Bin to truck, Truck to bin, Truck to truck



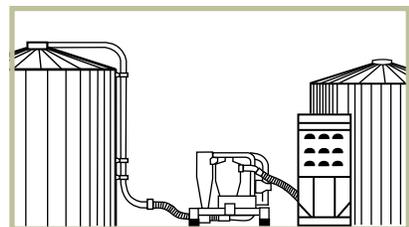
Dust Separation

The heavy-duty positive displacement blower is protected from dust that is removed in the pre-cleaner tank, thereby, giving the blower years of trouble free performance.



Hoses & Wands

Many hoses and wands are available to meet your unique operation requirements.



CAPACITIES

GRAIN >>

Soybeans	2800 - 3600 bu/hr
Wheat	3000 - 3800 bu/hr
Canola	3000 - 3700 bu/hr
Barley/Corn	3200 - 4000 bu/hr

NOTE: Capacities are based on standard truck discharge height and standard intake hose length and size, using dry clean products. Can vary with conditions.



GRAIN VAC

Model 6640



PRODUCT OVERVIEW

- › A simpler, safer and more efficient way to move grain
- › 110 hp required

FEATURES

- › Quick connect couplers
- › Silencer
- › High capacity airlock and blower

OPTIONS

- › Self-contained hydraulics
- › Dual inlet receiver tank

HOSES & WANDS

- › Many hoses and wands are available to meet your unique operation requirements.

The high vacuum suction carries the crop on a pillow of air and aids in cleaning out trash particles as the crop goes through the grain vac. The versatility of the grain vac hoses and cleanup wands allow the operator to access hard-to-reach areas for superior cleaning. The optional self-contained hydraulics allow the grain vac to be fully operational without using the hydraulic ports of the tractor.

[1] Transport - Standard hose kit, suctions, nozzles and hydraulic boom all store on the unit for transport, making it easy for the operator to setup and begin using the machine. **[2] Ease of Operation** - The self-storing boom is hydraulically put into position, eliminating the need for boom assembly. **[3] Healthier, Safer Option** - The Farm King grain vac virtually eliminates dust in the air caused from moving grain making it a healthier, safer option.

SPECIFICATIONS

	MODEL >>	6644
	Suction	6" (15.24 cm)
	Discharge	6" (15.24 cm)
	Length	99" (252 cm)
	Width	93" (236 cm)
	Transport height (standard boom)	98" (249 cm)
	Boom discharge height (standard)*	12' (3.7 m)
	PTO speed	1000 RPM
	Recommended hp	110 hp

* Tall boom available.

Cleanup Wand - The low-profile cleanup wand is designed to reduce operator strain.



GRAIN VAC Model 6644



PRODUCT OVERVIEW

- › A simpler, safer and more efficient way to move grain
- › Cummins QSB 4.5L engine, 130 hp @ 1800 RPM

FEATURES

- › High boom discharge
- › Silencer
- › Onboard hose storage
- › Quick release rear discharge kit

OPTIONS

- › Dual inlet receiver tank

HOSES & WANDS

- › Many hoses and wands are available to meet your unique operation requirements.

Efficiently move grain anywhere with the self-contained Farm King Grain Vac 6644. Equipped with a powerful and efficient 130 horsepower Cummins engine, the 6644 has a tandem axle undercarriage for easy maneuverability and balance and can be towed behind a pickup truck to remote locations for all your grain handling requirements.

[1] Pulley System - Model 6644 grain vac comes standard with a cogged belt and pulley system to minimize slippage which prevents power loss to the blower. An idler pulley tension system maintains belt tension. **[2] Receiver Tank** - The receiver tank comes standard with a removable, bolt-on lid and liner. **[3] Gauge Kits** - The 6644 is equipped with a pressure and vacuum gauge kit (gauge is shown in operation).

SPECIFICATIONS

	MODEL >>	6644
Speed - Move grain fast with capacities ranging from 2800 bushels per hour to 4000 bushels per hour depending upon grain.	Engine	Cummins QSB4.5L
	Engine rated	130 hp @ 1800 RPM
	Suction	6" (15.24 cm)
	Discharge	6" (15.24 cm)
	Transport length	156" (396 cm)
	Transport width	90" (229 cm)
	Transport height	116" (295 cm)
	Weight	5,300 lb (2,404 kg)