



GrainVac VR12

THE NEXT REVOLUTION

VR TECHNOLOGY

REM's VR12 is a continuation of the innovation and forward thinking that brought the VRX to market. We took everything we learned from both the VRX and the 3700 and applied it to the new design, allowing us to achieve similar capacities as the 3700 with much less horsepower. By utilizing VR Technology, we are able to get 9,000-10,000 bph from the VR12 with a 130 HP tractor.

The new REM VR12 will clean out your bins faster and easier than ever before. 1000 bushels in approximately 6 minutes will save you time and money, see how the VR12 can benefit your farm or commercial operation.

Air Systems

The VR12 air system is designed for speed, efficiency and longevity.

At a sound volume quieter than the tractor, three critical components work together producing high-pressure suction to pull grain into the machine: the fan, the air throttle and the air lock.

The VR12 improved fan design allows for maximum capacity with the use of only two fans. Extreme testing tells us that the VR12 fan design lasts 25% longer than previous models. This translates into 80 more hours of working time for the average user. Inspection has been made easy on the VR12 with large access ports to all key components including the fan, wear wraps and stators. High pressure air movement alone is not enough to set you up for a trouble-free grain vacating experience. You need to be able to manage that suction. That's where the VR12 air throttle comes into play.

On its own, the VR12 air throttle manages suction according to how much grain is flowing into the system. If you see the VR12 air throttle going up, then you can give it more grain – it's that simple. If the air throttle is hanging straight down, then you know your capacity is being optimized.

The VR12 air throttle also allows you to manually set your suction to suit the situation. There are times when you will want increased suction during clean-up, or when you will want a steady but reduced suction to accommodate the weight of your grain. The lighter the grain, the less suction you need to run at full capacity.

The VR12 air lock is a spring-loaded two flap opener designed to be pushed as far as needed for the grain to exit the GrainVac fast.



Hoses & Accessories

The VR12 comes standard with two cleanup nozzles, a bin load out nozzle and three hose caddys. These value added nozzles make it easy to clean out full bins, or sweep up the last bits with or without the rubber hose. The hose caddys make it easier to manoeuvre while in the bin, saving you time and energy while reducing wear to your hoses. The VR12 stainless steel hoses are only four-feet long. You get the same great length, but they are much easier to carry around with you.

Clean-out Door

The clean out door proves that small changes can make a big difference. The VR12 design is leak-proof and opens fully by hand to let you clear old, forgotten crud (or maybe your cell phone) out of the bottom of the body.

Auger System

The REM auger system is designed and proven to be quick, easy on the grain and trouble-free every single time you run it. REM GrainVacs use 1/4"-thick, chrome flighting that is spring loaded, allowing it to "float" on the bearings. This ensures for correct line-up every time you unfold the augers. The VR12 is driven with Slammed Gearbox Technology; no bearing, no flangettes and no chain coupler. Instead, we slam the gearbox up into the tank and connect to the bottom auger with a drive dog.



Signature Body

The signature shape of the VR12 is all about speed. Specifically designed to minimize impact and maximize the auger feed – with the drive shaft mounted on the outside where you can get at it. The unique 10" inlet is key to helping the VR12 achieve the capacities it does. This allows the suction to be increased during full bin load out and cleanup situations all while letting the grain slow down before it comes into the tank, thereby reducing grain damage.



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SPECIFICATIONS

GrainVac VR12

VR12 PTO Drive

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|------------------------|--------------------|
| Weight | 3300 lbs (1497 kg) |
| Auger discharge height | 14' (4.3 m) |
| Hydraulic requirements | 2100 PSI @ 2 GPM |
| Tractor HP requirement | 130 HP |
| Width | 8' 2" (2.5m) |
| Height | 9' 6" (2.9 m) |
| Length | 11' (3.4 m) |

*Specs are approximate.

STANDARD HOSES & ATTACHMENTS, all 8" dia.

- 10" Diameter Telescoping Inlet, 5' long.
- One bin load-out nozzle, 3' long.
- One standing floor sweep with handles, 4' long.
- One clean up nozzle with wheels.
- One 3' stainless steel flex hose.
- Four 4' flexible stainless steel hoses.
- Two 7 ½' aluminum pipes.
- One 5' aluminum pipe.
- One 7 ½' basket-weave hose.
- Three hose caddys.

Altogether, the VR12 sports 48 feet of hose. Combined with the telescoping inlet and the Standing Floor Sweep, the standard package cleans up grain within a 52 foot radius from the base of the machine.

Additional hoses and an extensive line of options are ready for you at REM.



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