

Semi-Truck Auger Moves Seed And Fertilizer Fast

You can unload 9 tons of seed, fertilizer or other materials in 3 minutes with the Quickveyor from Peterson Motors. The QV38, a 38-ft. trailer, can carry 26 1/2 tons legally while the QV50, triple axle, 50-ft. trailer can haul up to 32 tons. The trailers are modified for use primarily as seed and fertilizer tenders.

"We take a ready-made Merritt hopper trailer and put a conveyor belt underneath," explains Carla Peterson, Peterson Motors. "Everything moves below the trailer and out the back end."

At the back end of the trailer is a stainless steel tube conveyor that can be equipped with an optional 4-direction, swinging discharge chute. The chute can be controlled with a remote or with push buttons on the side of the trailer.

"The chute out the back makes it easy to load large fertilizer applicators or seed boxes," says Peterson.

The trailers are designed with good ground clearance for field use. They can be segmented in up to 4 compartments for hauling and delivering multiple kinds of seed or fertilizer. Any compartment can be emptied separately or blended with others. They also feature a reverse unloading option.



Semi-truck mounted auger makes it easy to load large fertilizer applicators or seed boxes. A 4-direction, swinging discharge chute on back can be controlled with a remote or with push buttons on side of trailer.

Other options include self-contained hydraulic systems; wireless backup cameras; sight windows; rear, internal and undercarriage LED lights; electric tarps and more.

While the trailers are designed for speed and ease of a handling, a key component is

gentle handling, notes Peterson.

"We use a rubber belt for the undercarriage conveyor to provide a smoother, less jarring ride. You don't want to knock off seed coatings and inoculants."

The QV38 is priced at \$51,995. The QV50 is priced at \$66,995.

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Lock-Down Rack Stops Tool Theft

If you ever carry handheld lawn tools on a utility trailer, you might want to take a look at this lock-down rack made by James Daugherty of Gray, Georgia.

"I built it for my brother John to keep thieves from stealing his Echo weedeater and Stihl hedge trimmer, which are both professional models. John has a sideline mowing business and hauls his riding mower and some tools on a utility trailer. He needed a way to lock up the tools and also keep them from bouncing around in his truck bed," says Daugherty.

The lock-down rack is welded onto one side of the trailer. It consists of a pair of 26-in. high uprights spaced about 3 ft. apart, each with a pair of big steel hooks welded

onto it that are about 13 in. apart. One upright has a small metal tab with a hole in it welded on between the hooks. A hinged metal bar that attaches to the upright has a matching tab welded onto it, as well as a pair of small "stop rods".

To lock either tool, the operator lays it across the hooks and then folds the hinged bar against the upright to match the tabs up, then attaches a padlock to them. The 2 stop rods end up over the tool handle, locking it in place.

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Rack is welded onto one side of trailer. Operator lays tool across a pair of steel hooks, then folds a hinged bar against upright and locks it in place.

Restored Allis 2-Pt. Sicklebar Mower

With only 2 acres of hay to put up for some calves, Brad McCarty, Kinmundy, Ill., didn't want to spend the money for a new mower. So when he found an old Allis Chalmers 2-pt. mounted, 7-ft. sicklebar mower laying in a neighbor's field, he bought it for \$300 and restored it. He uses it with his Deere 3010 tractor, and says it works great.

"What I really like about this mower is that it uses a gearbox to drive the sicklebar, instead of a wooden pitman arm which is found on most older mowers. Pitman arms tend to get out of time and break. A gearbox drive is much more reliable."

McCarty found an operator's manual for the mower but has never been able to determine when the mower was built. "My best guess is in the 1960's. I went online and learned that a side-mounted version of this mower was also available. It hooked up to a pintle hitch that you installed under the tractor."

The mower is built strong, says McCarty. "One time a neighbor with a 4-acre patch of tall, thick clover asked if I would cut his hay. My dad has mowed and baled hay all his life and didn't think my old mower could cut through that hay, but it did. It doesn't work fast, but it cuts great. When I was done, the field looked like a disc mower had gone through it."

McCarty reworked the machine and installed new sickle sections and guards. "The



McCarty restored this old Allis Chalmers 2-pt. mounted sicklebar mower and uses it to cut 2 acres of hay. He likes the gearbox drive.

knives on this mower are pop-riveted to the guards, so I was able to keep the guards," he says. The gearbox seals were leaking so he took the gearbox apart and repaired it.

The hydraulic cylinder that raises and lowers the sicklebar was missing, so he installed a new one. "The cylinder can only lift the sicklebar part way up and is used only when turning at the end of the field. I have to manually raise the sicklebar all the way up for road transport," notes McCarty.

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Portable Stairlift Can Be Moved By Skid Steer

The AgrAbility organization in Ohio works with injured or ill farmers, as well as those who are slowed down by age and conditions like arthritis. They get many of their ideas from the people they serve and then make them available to farmers and ranchers who come to them looking for help.

Randy Joseph, Rural Rehabilitation Supervisor with the Ohio AgrAbility Program, recently sent FARM SHOW photos of an idea he came up with for a local disabled farmer - a 10-ft. tall portable metal stairway that can be quickly moved around using a skid loader with forks. The welded-together stairway has expanded metal steps with 3-ft. high railings, and a large platform on top with open sides protected by snap-on chains.

The stairway has horizontal cross bars on both sides about 3 ft. from the bottom. The driver places the skid loader forks under the cross bars, then raises the stairway and drives to wherever it's needed.

"A local fabricator built the stairway, but unfortunately the farmer passed away recently before he could even use it," says Joseph. "It's a handy idea that anyone could use, especially if they need a stairway that doesn't take up room permanently. This farmer stored small square bales in haylofts at both ends of his barn. There wasn't enough room for a permanent stairway, so my idea



Driver places skid loader forks under horizontal cross bars on stairway to move it around.

was to move the stairway in sideways alongside the hay loft and then walk onto it."

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