



Heavy-duty EarthMover ATV loader has a 60-in. lift height and a capacity of 500 lbs. It's operated by a rear-mounted, 7 1/2 hp hydraulic power pack.



"The loader is strong enough to lift the ATV off the ground without bending," says inventor Kevin Gaumitz.

Heavy-Duty Hydraulics Power ATV Loader

The new EarthMover ATV loader with its 7 1/2 hp hydraulic power pack is a real workhorse. The loader has a 60-in. lift height and a capacity of 500 lbs. The rear-mounted power pack with its 5-gal. reservoir offers plenty of counter weight to the loader.

"I purchased a used Groundhog loader for my Honda ATV, but it didn't have enough lift, was too hard to install, and I didn't like the 12-volt hydraulic pump," says Kevin Gaumitz. "I decided to build my own. It worked so well that I've started building them to sell."

Gaumitz's EarthMover uses 1/8-in., 1 by 3-in. rectangular tubing for most of its frame. He relies on gussets for support where more strength is needed. Like the Groundhog, which is no longer available, the loader mounts to the front rack and, with the aid of a cross member, to the underframe of the ATV.

"I used a flat bar underneath and attached it to the frame with U-bolts," says Gaumitz. "It's easy to attach, takes up very little space and doesn't interfere with changing oil or filter."

Fast and simple mount and remount were key to the design. He estimates the EarthMover will take 45 min. for the first installation. However, subsequent installations should run 10 to 15 min.

"I've used it without a problem on a 300 cc Honda, but it was designed for 400 cc and larger ATV's," says Gaumitz.

The hydraulic power pack with its gas powered Predator engine is the heart of the system. It offers 6-gpm hydraulic pressure, which has proven more than sufficient for the three, double action, 2 by 8-in. hydraulic cylinders and the 45-in. wide, 10-in. tall and 12-in. deep bucket.

"The loader is strong enough to lift the ATV itself off the ground without bending," says Gaumitz. "I've lifted a 650-lb. fireplace without a problem, and I've filled the bucket with dirt in hard-packed ground. If desired, I can supply an even larger power pack."

The power pack can also be used as an auxiliary hydraulic-power source for a wide array of hydraulic powered hand tools offered by Stanley tools. Twin control valves are standard with the EarthMover; however, Gaumitz is considering offering a joystick option.

Gaumitz resolved a concern with ATV suspension systems not being built to handle lifting a 500-lb. load. While the Groundhog loader used shackles to lock the suspension, he modified automotive air shocks for his Honda ATV. Other brands may require other solutions, but suspension needs to be

addressed.

"If you have a Honda, get air shocks at an auto parts store or on the internet," says Gaumitz. "I had to grind down the mounting brackets to fit the space, but once in place, they are easy to adjust up or down as needed, whether riding for fun or using the loader. If you sell the ATV, just put the OEM shocks back in place."

Initially, Gaumitz is offering the EarthMover with the bucket for \$2,800 plus shipping. He is planning to add on custom designed forks, blades and other tools as requested.

Contact: FARM SHOW Followup, EarthMover ATV Equipment, 954 S. Ivy St., Canby, Ore. 97013 (ph 503 313-5536; atvfrontloader@gmail.com; www.atvfrontloader.com).

Low-Cost Scaffolding Sold Direct To Customers

Can you buy a quality scaffold set for \$79?

Grady Smith, president of ScaffoldMart, says, "Yes!" The low price of a 5-ft. wide by 5-ft. tall scaffold set includes two powder-coated frames, two hot-dipped cross braces, four stacking pins and four spring rivets.

"We have the lowest pricing on scaffolding in the U.S., and I feel we have the highest quality in the U.S.," Smith says.

For example, the U.S.-made vertical tubes are painted inside and out, and the 1.8 mm horizontal braces are galvanized inside and out to prevent rusting.

A former dealer for another scaffold company, Smith started his Greenville, N.C., business more than a decade ago. Prices are low because ScaffoldMart sells directly to customers and has low overhead costs working out of a 180,000 sq. ft. former tobacco warehouse.

The business's website makes buying the right scaffold easy, even for first-time scaffold users. Read the "frequently asked questions" to determine the right height and width to order. Sets range from 5 to 34 ft. tall with 7 and 10-ft. braces. Options include wheels, level jacks, aluminum and plywood walkboards, and internal stairs.

"We have an automated line and automated shrink wrapping so we can get an order out on a truck the same day it's ordered," Smith says.

ScaffoldMart sells to large wholesalers, rental dealers and individuals such as construction workers and farmers. All sizes are built heavy-duty and rated for more than 72,000 lbs.

"We carry over 30 patterns that interchange with other standard scaffold brands," Smith says.



"We have the lowest pricing on scaffolding in the U.S., and the highest quality," says Grady Smith, president of ScaffoldMart.

ScaffoldMart sells to customers throughout the U.S. and Canada and overseas to a growing number of countries.

Contact: FARM SHOW Followup, ScaffoldMart, 1705 S. Evans St., Greenville, N.C. 27834 (ph 866 900-0983; www.scaffoldmart.com).



"Tire Saver" kit is designed to stop swing arm and tire damage on Deere 7100, 7300 and 1710 3-pt. mounted corn planters. Chain is held in place by a bolt-on plastic guide.

Plastic "Shield" Protects Tires On Deere Planters

"Our new 'tire saver' kit is designed to stop swing arm and tire damage on Deere 7100, 7300 and 1710 3-pt. mounted corn planters. It prevents loose drive chains from causing a lot of costly damage," says Paul Leedahl, Agassiz Fabrication, LLC, Kindred, N. Dak.

The unit is designed to contain the drivewheel chains from the tire up to the driveshaft that controls the planter's seed meters. The chain runs inside a UHMW plastic chain guide that's bolted onto a length of 3-in. angle iron, bolted onto the planter's original frame using existing holes in the frame.

"It solves a big problem on these planters that no one else has addressed," says Leedahl. "After time the chain starts to get loose and slaps around so much that it can wear through

the tire's sidewall. If the chain catches in the tire, it will bend the swing arm. The loose chain also can damage the driveshaft sprocket and bend the planter's framework. It can even affect the accuracy of the seed meter and mess up your seed population.

"We installed a few units last year with no problems. The shields sell for \$86 a pair, which I think is reasonable. You can't buy a tire for less than \$150, and a bent frame costs \$400 or more to replace. Replacement sprockets cost about \$40 apiece."

Contact: FARM SHOW Followup, Agassiz Fabrication, LLC, 16511 - 50 1/2 St. S.E., Kindred, N. Dak. 58051 (ph 701 261-0431; agassizfabrication@hotmail.com; www.agassizfabrication.com).