



Rare 1949 Allis Chalmers Model G was modified for internal use in Allis's LaPorte, Ind. factory, where it was used in the engineering department to haul tools.

Allis Chalmers G Fitted With 4-Ft. Square Toolbox

"A few years ago I bought this rare 1949 Allis Chalmers Model G equipped with a big 4-ft. square, 2-ft. high toolbox in the middle. It was modified for internal use in the company's LaPorte, Indiana factory and is one of only 2 ever made. I purchased it from the Dale Haymaker Allis Chalmers museum in Paris, Illinois," says Chuck Wiltfong, Monticello, Ind.

The toolbox is made from 1/8-in. diamond plate steel. One side is hinged so that it can be opened and then held in place by a pair of chains.

Wiltfong says the engineers at the factory made the conversion by removing the pipe frame from a regular G and running the steering shaft straight down and under the tractor's small bed. The engine remains on back, as with all Model G tractors. The front end of the tractor was modified to allow alignment of the gearbox with the relocated steering linkage. A cover was then installed to protect the gearbox.

"My modified G was built back in the day before golf carts and Kawasaki Mules

and Deere Gators came on the market, but it serves somewhat the same purpose," says Wiltfong. "It was used in the factory's engineering department to haul tools. When the plant closed in the early 1980's, Dale Haymaker bought it. The other G that's equipped with a big toolbox is reported to be in private ownership in the LaPorte, Ind. area. The condition of that tractor is unknown, as no photos or specific information are available at this time."

Wiltfong often displays the tractor at shows including The Gathering Of The Orange, and he recently brought it to the Half Century of Progress show near Rantoul, Ill.

The tractor is currently on display at the Rumely Allis-Chalmers Heritage Center in LaPorte, Indiana. Information about the Heritage Center can be found at www.RumelyAllis.com.

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To save newborn calves, Holloway fills warming box 2/3 full of straw and lays calf on top of straw. Then he adds several 1-gal. jugs filled with hot water.

"Calf Saver" Warming Box

"I haven't lost a single newborn calf since I started using this simple idea many years ago," says cow-calf operator Bob Holloway, Trenton, Mo., about his homemade calf-warming box.

The box is made from 2 by 4's covered with plywood and measures about 4 ft. long by 3 ft. wide and high. It's open at the bottom and has a removable lid that can be latched down.

Holloway fills the box about 2/3 full of straw and lays the cold calf inside the box and on top of the straw. He then fills six to eight clean 1-gal. antifreeze jugs, or similar heavy-duty jugs, with hot tap water.

"I place the jugs right up against the calf's

body so the heat soaks in. Then I cover the calf and jugs with more loose straw, and place the lid back on the box," says Holloway. "Usually in about 2 hrs., the calf is warm and standing up, and wants to get out. If the calf's temperature is 101 degrees, which is normal for a calf, I bring the calf back to its mama and make sure that it gets a belly full of milk."

"The box has no bottom, so whenever fresh straw is needed I can dump the box by just tipping it over and letting the mess fall out."

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Simple Sheep Scale Uses Leverage

When Don Kilpela of Atlantic Mine, Mich., wanted to sell a few of his Icelandic lambs, he needed to weigh them to determine the price. Weighing them with a spring scale in a box suspended from his tractor bucket worked, but it required two people and had to be done outdoors. So he came up with an indoor scale based on something simpler - leverage - that he can use by himself.

He built a 70-lb., 2 by 4-ft. box out of 2 by 4's and 1/2-in. plywood secured with deck screws. To lift it, he attached it to the end of a 10-ft. long 2 by 4 that rests on top of a block mounted on a wall stud. Kilpela says he can easily lift up to about 300 lbs. by pushing down on the end of the 2 by 4. It holds the box less than a foot off the ground. Attached to the box with nylon straps, he can get an accurate weight with a 660-lb. digital scale he purchased for \$30.

"The box has a door on both ends so you can easily move the lamb in or out," Kilpela says, noting he lures them in with a pan of corn. "It works quite well. I weighed all my sheep with it last fall and will weigh lambs this fall."

The simple scale is ideal for his small hobby operation. Kilpela appreciates how Icelandic sheep look with their horns and long



Sheep-holding box is attached to a 10-ft. long 2 by 4 that rests on top of a wall stud. Kilpela pushes down on end of 2 by 4 to lift box.

wool. They also help keep the brush down on his rural property, he says.

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TJ's Fencing surface-mills recycled fiberglass fence tubing and then adds a special coating that prevents slivers.

Fiberglass Fencing Stays Sliver-Free

TJ's Fencing warrants their fiberglass fencing to be sliver-free for 20 years. The company has developed a special process to surface-mill recycled fiberglass tubing. A special coating provides UV protection to prevent breakdown, and a special additive prevents the growth of mold and mildew.

"It took me 2 years to develop and build the machine, which grinds away about 5/1000 of an inch for a new, smooth surface," says Travis Johannngmeier, TJ's Fencing. "Then we put on a special coating that prevents slivers. The company that worked with us on the coating spent about 6 months developing the special formula."

Johannngmeier takes pride in using all recycled steel and fiberglass in his fencing materials. The former oil field worker built his first fence for his dad back home in northeast Iowa. He used steel rod recycled from oil wells. Soon he was building them for others. As the business grew to include dairy stalls and fencing, he realized corrosion was a problem with steel in highly acidic, livestock environments. That led to using fiberglass, also recovered from oil wells.

Fiberglass has many uses in agriculture. However, eventual slivering of the surface is a recognized problem. Once Johannngmeier developed his patented process, he was able

to offer customers his 20-year sliver-free warranty with a coating that comes in white, gray and special order colors.

The wide variety of fiberglass tubing available from oil wells gives Johannngmeier and his customers lots of options. In addition to gates and fence panels, electric fence posts are a hot product. He has also developed free stall, palpation and feed rail systems, as well as show fence. He also builds custom orders.

"We have fiberglass tubing with diameters ranging from 2 in. to 16 in. and wall thicknesses from 3/16 in. to 3/4 in.," says Johannngmeier. "We have some tubes that weigh as much as 1,500 lbs. each. We get used, reject, scrap and seconds and put them to work."

TJ's Fencing has a built a strong following with recycled fiberglass for fencing. Customers stretch from California to Florida and Texas to the Netherlands.

"We recently gave quotes on some gates in the United Kingdom," says Johannngmeier. "If FARM SHOW readers are interested, they can contact us or one of our contractors."

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