

# Wireless Ultrasound Goggles Check Cattle

Farmers and veterinarians now have a new tool for conducting pregnancy checks on cattle.

IMV Viewing says its new ultrasound goggles are used wirelessly and with an Easi-Scan: Go probe to provide an ultrasound picture of a fetus.

"You can visualize the fetus, heartbeat, check ovaries for cysts, see embryo transfers and scan ovaries to identify an animal's cycle status," says Tom Cardinal, IMV Imaging Sales Specialist.

The goggles receive the ultrasound signal from the probe and display ultrasound images to a tablet, computer or smartphone.

"The freedom of not having a cable from the goggles to the ultrasound machine is the big benefit," Cardinal claims. "Plus, the ability to use a smart device like a cellphone or tablet as an external viewer with a 50 to 75-ft. range."

According to Cardinal, the system is 100 percent accurate with errors only occurring due to image interpretation. At 30 days of pregnancy, a fetus is approximately the size of a fingernail, so operator experience with probe placement is still critical.

IMV Imaging, a Scottish-based company,



**Easi-Scan: Go goggles use Wi-Fi to connect to a cell phone or tablet and show ultrasound images of cattle at a range of 50-75 ft.**

was the first to incorporate and market the wireless feature for the goggles in the fall of 2018.

Cardinal recommends customers contact IMV Imaging through the website or call the office directly to arrange a free trial and demonstration to understand the benefits and costs.

Contact: FARM SHOW Followup, Tom Cardinal, IMV Imaging, 2900 43rd St. NW, Suite 600, Rochester, Minn. 55901 (ph 800-210-9665; contact@imv-imaging.com; www.imv-imaging.com).



**1980 Cub Cadet garden tractor was converted to tracks by D&S Tires, West Point, Neb.**

## Lawn Tractor's Tires Swapped For Tracks

When Dick Critel, owner of D&S Tires, retired the company's tractor mower after decades of use, he had an idea. Instead of sending it to the scrapyards, he decided to replace the tires with tracks.

In December of 2020, employee Doug Bauer and others at the company began the transformation of the 1980 garden tractor.

As a long-standing tire and track retreat, re-lug, and repair shop, they had the experience to turn the idea into reality.

"The first thing I did was get it on the bench and strip it," Doug says. "Using a toy track tractor that we keep in our lobby as a model for the conversion, we were able to scale everything to size to make it as realistic as possible."

He kept the original wheel rims, wrapped them in steel, covered, and built with rubber like the undercarriage of a tractor. The steering wheel was made compatible through a linkage block. Twin master cylinders from a 98 Honda Civic for the hydraulic clutch actuated the disk brakes, pushing fluid through the

lines and applying optimal pressure. Four-piston calipers came from a Honda CBR1000 Sport Bike. Custom rotors and hubs were also added.

Bauer says the brakes were the trickiest part of the modification and a lot of effort was put into getting the lawn tractor to turn as it should. After some trial and error, it was scaled up using the Honda system. This allowed for easier turning using the original steering column to move the block through the linkage system.

Eight months of effort later they successfully ran the newly tracked lawn tractor in the Cuming County Fair in West Point, Neb., where it looked and moved like the real deal.

The uniquely engineered machine will be used for advertising in the D&S Tire locations.

Contact: FARM SHOW Followup, Amber Gott, D&S Tires Inc., 661 S. Lincoln St., West Point, Neb. 68788 (ph 402-372-5572; amber@dstiresales.com; www.dstiresales.com).



**Warrior UTV is 6-in. wider than other UTVs and can seat three adults in the cab. It has a heavy-duty frame, 6-ply tires and a 500-lb. capacity electric lift box.**

## New ATV Looks Like A Hummer

By Chad Smith

The 2021 Massimo Warrior at Dale's Auto Mall in Jamestown, N. Dak., looks like a cross between a Humvee and a Gator.

"It's a product we just happened to stumble across," says Dale Lende, the owner of Dale's Auto Mall. "A young man came in to introduce me to the Warrior line, and I thought they were unique enough to be a lot of fun to sell."

Lende buys directly from the company, which gives them access to parts and more availability of products to better serve their customers.

"It's 6-in. wider than any other comparable UTV in the industry," Lende says. "The Warrior has enough size that three large adults can sit in the cab comfortably."

"This thing is very durable," he says. "The frame is an inch thicker than anything else in the industry. It has 6-ply tires and an electric lift box that can lift up to 500 lbs."

It's got some amenities too, including air conditioning, heat, wipers and blinkers. It's street legal and road-ready. "We've only been selling these for a year, and they're already getting better and better," Lende says.

"This is a great four-wheeler for the farm," he says. "It's not designed for play like many others are. This one is intended to work. It's a 1,000-cc, 50-mph engine."

"The Warrior features a 5,500-lb. winch in front," Lende says. "It comes with a 2-in.

receiver. No other UTV offers that."

The Warrior also has a snorkel airflow system. It's different from other ATV/UTVs that take their airflow from under their frames. The air for a Warrior engine comes from the snorkel on top of the vehicle.

"The air intake is much cleaner than bringing it in from under the vehicle where it kicks up things like dust, water, and mud," he said.

The frame is solid steel and truly does resemble a smaller Humvee. The headlights are comparable to those on a car, with high and low beams.

"It has a light bar in the center and another on top," he says. "When a farmer or rancher looking for cattle turns those on at night, those lights are amazing. Those lights also come in handy when farmers and ranchers are out fencing."

The vehicle comes in black, green and tan, with tan being the most popular color among customers.

The tan 2021 Massimo Warrior (called Quicksand) retails for \$24,700, as does the black-colored Warrior. The Massimo Dominator X2 LTZ (green) is \$15,995.

Contact FARM SHOW Followup, Dale Lende, Dale's Auto Mall, P.O. Box #692, Jamestown, N. Dak. 58402. (ph 701-952-2374; www.DalesAutoMall.com).



**Tool Warehouse is a factory service center, servicing air tools and jacks, Chicago Pneumatic, Ingersoll Rand, Air Cat and the majority of the high-pressure hydraulic brands in the 5 to 10,000 psi range.**

## High-Pressure Hydraulic Tool Repair

When Tool Warehouse was founded in 1966, one of the main focuses was tool repair and maintenance - and it's been the same ever since.

Along with a large line of equipment for sale, Jeff Houk, President and owner of Tool Warehouse, says keeping tools running properly and efficiently has been a major part of what the company does and represents.

"We sell tools but we're also a tool and jack repair company," says Houk. "We operate a factory service center for most of the major brands. We service air tools and jacks, Chicago Pneumatic, Ingersoll Rand, Air Cat and the majority of the high-pressure hydraulic brands in the 5 to 10,000 psi range."

Since their experience covers such wide boundaries, they also maintain hydraulic pumps and cylinders, pulse tools and other specialty application products. Their three locations in Minneapolis, St. Cloud and West Fargo offer customized service plans for

manufacturers to reduce costly downtime. This approach reduces turnaround times, improves service and increases productivity.

"We repair the whole gamut of agricultural equipment, trucks and industrial when they're brought to us in our shops," Houk stated. "We service what we sell and try to have more of a commercially serviceable product than something that's just a throwaway. And it's not only for the tools we've sold, but we also maintain other brands as long as they have part sources and they're not beyond economical repair."

Houk says they cover the majority of the country with multiple dealerships in different states.

Contact: FARM SHOW Followup, Jeff Houk, Tool Warehouse Inc., 127 Main Ave. W., West Fargo, N. Dak. 58078 (ph 701-282-6151; jeff@toolwarehouseinc.com; www.toolwarehouseinc.com).