

Mechanically activated rippers are the key feature that sets the Kage unit apart from other land planes.



Land Plane Loosens Hard Ground

The Greater Bar skid steer land plane with rippers from Kage makes it easy to cut down high spots and fill depressions. The mechanically activated ripper teeth let the operator control the depth to be loosened; no hydraulics are needed.

“We introduced the land plane with rippers 3 years ago, and our customers appreciate the ability to loosen hard pack, like track-packed gravel,” says Brett Hart, Kage Innovation. “Other land planes have problems loosening up the surface.”

The mechanically activated rippers are the key feature that sets the Kage unit apart from other land planes. If manually activated, the operator must often climb out of the cab. If they’re hydraulic, they require an auxiliary circuit.

Once deployed, the Kage land plane ripper teeth activate when the skid steer moves forward and retract when it travels in reverse. When not needed, the teeth can be locked in the lifted position.

The ripper’s teeth are built from Hardox steel for longer wear life and more durability. Replaceable Hardox 500 steel caps also add to the wear life of the teeth. Hardox steel is

also used for the latching mechanism.

The three replaceable cutting edges knock down high areas and spread loosened soil. Other features customers appreciate include a bucket hook and a large safety step. The step makes it easy to get in and out of the skid steer cab, while the bucket-holding claw makes it easy to carry a bucket from job to job with the mounted land plane.

The Greater Bar land plane with rippers starts at \$3,330. While it’s available directly from the company, Hart suggests contacting a Kage dealer.

“We have dealers across the U.S. and Canada,” he says. “They can often offer a reduced price.”

The Greater Bar Land Plane is currently available in 6 and 7-ft. wide versions. It’s compatible with all major skid steer brands. “We’re currently working on a similar product for smaller tractors,” says Hart.

Contact: FARM SHOW Followup, Kage Innovation, 502 Simmon Dr., Osceola, Wis. 54020 (ph 651-433-4628 or toll-free 844-314-5243; info@kageinnovation.com; www.kageinnovation.com).



Harvester has variable speeds for operation and cleans seed during threshing.

Powerful Pumpkin Seed Harvester

The AXR 430 pumpkin seed harvester from Agro-Stahl picks up windrowed pumpkins, threshes them, ejects the pulp and captures the seed in a 4.3-cu. yd. hopper that empties in 2 min.

The pull-type harvester is equipped with oversized gearboxes and additional overload clutches for the main drives, crusher and threshing rotor. It’s 22 ft. long, 9 1/2 ft. wide, 12 ft. high and weighs 9 tons. Three 10-ft. axial rotors with two cleaning drums that measure nearly 10 ft. long ensure cleaner pumpkin seeds in the bin.

According to the company, the new design offers 34 percent more screening area and 39 percent more cleaning area than the older AXR 325. Improved cleaning during threshing reduces cleaning needed when leaving the field.

Continuously adjustable speeds for the rotor and drums from 0 to 360 rpm, as well

as a variably adjusted threshing paddle, let the operator match threshing speed to field conditions.

The harvester features air brakes, LED work lights, three video cameras, and a control display that monitors threshing.

The optional 100-gal. water tank, with its high-pressure pump and reel, makes it easy to clean out the seed hopper.

Currently, the harvester isn’t being sold in the U.S. or Canadian markets. “Our AXR 430 pumpkin seed harvester is mainly sold in Austria, but we’ve received inquiries from other European countries,” says Sarah Sulzer, Agro-Stahl. “The base price of the AXR 430 is \$27,594.”

Contact: FARM SHOW Followup, Agro-Stahl, Forsterstraße 11, 8142 Wundschuh Austria (ph 43 3135 52602; www.agro-stahl.at).



Researchers have found that 80 percent of cows prefer drinking from a tank.

How To Make A Used Tire Water Tank

Anyone wanting to turn a tire into a cattle tank should talk to Herschel George. The retired Kansas State University extension watershed specialist is still working with the university and teaching farmers and ranchers how to do the job right.

“I’ve been turning tires into tanks for over 20 years,” says George. “I put the first one in on my brother’s place, and it still works fine. The guidelines really haven’t changed in the past 10 years.”

George shared those guidelines with Loretta Sorensen in a very in-depth article in the Summer 2024 issue of Working Ranch. He reviewed key points to consider with FARM SHOW.

“Our objective is to prevent cows from drinking directly from a creek or pond,” says George. This prevents wear and tear on the pond and creek edges and protects water quality. Researchers have found that 80 percent of cows prefer drinking from a tank.”

George works with both pressurized and gravity flow systems and how to adapt them to a low-cost tire tank. The major difference is the type of valve used.

Regardless of the water source, farmers’ and ranchers’ most common question concerns cutting the tire. A close second is where to get the valves.

In the Working Ranch article, he details what to trim and how and the type of blade to use on a reciprocating saw. He prefers very coarse Milwaukee blades like the Ax. Keeping the blade lubricated is essential, and George suggests applying a mix of liquid dish soap and water to the blade while cutting 6 to 8 in. off the top-side sidewall.

When it comes to valves, he recommends the Watson valve for gravity systems and valves from Jobe or Apex for pressurized

systems.

Preparing the ground is key once waterlines have been laid to the preferred site. That entails firming and leveling the soil, followed by a layer of geotextile and then gravel. The goal is a slightly raised area. However, if gravity-fed, ensure the variation in height between the bottom of the tank and the water source level is at least 4 ft.

Geotextile should also be used under gravel placed around the tank. It helps prevent the rock from sinking into the dirt and maintains a comfortable dry area around the tank.

“If the tank sidewall is 30 in. high, I may raise the ground level around it so only 12 to 20 in. is exposed,” says George.

Once the tire is in place and the pipes raised to the correct height, dirt or gravel can be added to the center area. George recommends leaving 4 to 6 in. of space for the concrete. To ensure a good seal, he suggests smearing the tire bead and pipes with silicone just before adding concrete.

Another trick of the trade is adding water to the tire after pouring the concrete. “Adding water to 2 in. above the concrete slows curing and ensures the concrete hydrates,” says George. “I suggest letting it cure for at least a week. If the water holds overnight, you know it’ll hold for years.”

George suggests interested FARM SHOW readers download “Waterers and Watering Systems: A Handbook for Livestock Producers and Landowners.” The 173-page book is available at no cost from Kansas State University.

Contact: FARM SHOW Followup, Herschel George, 33066 Lookout Rd., Paola, Kan. 66071 (ph 913-294-6021; hgeorge@ksu.edu; https://bookstore.ksre.ksu.edu/pubs/S147.pdf).

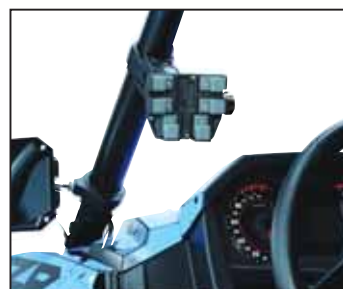
Heavy-Duty UTV Phone Mount

Moose Utility Division offers ATV/UTV accessories for hunting, ranching, snow plowing, and other outdoor activities.

New to the lineup is a UTV phone mount. It has a Custom Clamp System (CCS) that includes mounts for all profiled and round tube roll cage configurations. You can mount it to either the driver or passenger side of the machine for guaranteed easy access, and it allows for a custom phone fit with spring-loaded tension that locks it in place. Choose between portrait or landscape mode for easier screen viewing with the adjustable arm and cradle.

The phone mount has vibration isolation to maximize the quality of videos taken from the driver’s or passenger’s perspective.

The mount is sold through Moose Utility Division’s certified dealers. Suggested retail price is \$59.95. Those interested in becoming dealers can contact the company’s distributor,



Phone mount has vibration isolation to maximize the quality of videos taken from the driver’s or passenger’s perspective.

Parts Unlimited, at comments@parts-unltd.com or 800-369-1000.

Contact: FARM SHOW Followup, Moose Utility Division (www.mooseutilities.com).