

Operable UTV Basket Saves Your Back

The Ox Rack is the first all-in-one front rack basket and loader for UTVs. It's ideal for hunters transporting game and for farmers and ranchers who frequently unload feed sacks, wild game, tools or fence posts.

"Once you get one, you won't know how you survived without it," says a representative of the Ox Rack team. "The Ox Rack was designed by a chiropractor who saw the need to help his aging parents load heavy items onto their Polaris Ranger. Everyone in deer camp wanted one, and word spread from there." She explains that the company name is a testament to its values. "It's a reference to Matthew 11:28, which is stamped on each Ox Rack: *Come unto me, all ye that labor and are heavy laden, and I will give you rest.*"

The patented device is the only dual-purpose winch-operated UTV front loader/basket on the market. "It's made in the USA from heavy-gauge steel," she says. "The quality could outlast your UTV."

As a tool, the Ox Rack is best suited for anyone looking to get the most out of their UTV. As the company representative explains, "It turns UTVs into a workhorse. But more than transportation, the Ox Rack is a back-saver for anyone looking to avoid injury from heavy lifting. It's also suited for certain disabilities and can help users regain independence."

The Ox Rack is available in various sizes and is compatible with most UTVs. It's designed to support up to 500 lbs. but not more than the maximum weight of the UTV front axles. A winch is necessary (not



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included) and should reach a minimum capacity of 2,000 lbs. "Once the Ox Rack is installed, operation is as easy as pushing the button of your electric winch," says the company representative. "For easiest use, we recommend that customers buy an electric winch with a remote."

The Ox Rack is made and shipped out of Texas. Dealers are available throughout the state, while other buyers can order online. Purchase the Ox Rack from the company website to find compatible versions for your UTV. Pricing ranges from \$1,895 to \$1,995.

"The Ox Rack's been on the market for over 10 years with minimal marketing," says the company representative. "It's built a reputation through its durability, reliability, and exceptional function. Now, many UTV owners can't live without it."

Contact: FARM SHOW Followup, The Ox Rack, 28602 Countryside Dr., New Braunfels, Texas 78132 (ph 210-867-4122; TheOxRack@gmail.com; www.theoxrack.com).



High-capacity 12-row planter can plant 10 sets per second at 7 mph.

Large-Scale Potato Planter Claims Seeding Efficiency And Accuracy

A new-to-the-market 12-row potato planter from Allan Equipment Mfg. recently seeded 1,500 acres in a Washington trial.

The high-volume planter holds up to 60,000 lbs. of seed. The singulators, a foundational piece of the machine, enable planting up to 10 sets per second at a depth of 11 in. at 7 mph. The unit features press wheels for optimal depths and spacing, even at high speeds.

Vesconite low-friction bushings are installed in critical areas such as the hitch pivot points, depth wheel linkage, folding slider, toolbar knuckle and the parallel arms of the row units. Vesconite offers low friction, increased durability, minimal maintenance and extended service life to ensure long-term operation.

According to Sam Thompson, Mechanical Design Engineer at Allan Equipment, the

company is making ongoing improvements and refinements.

"The introduction of the Allan 12-row planter marks a significant advancement in planting technology," states a company promotional release. "With its cutting-edge features, this planter is poised to revolutionize planting operations and set new benchmarks for efficiency and productivity in agriculture."

The company is moving forward with plans to build more machines in the coming years. Its long-term goal is to sell them globally.

Contact: FARM SHOW Followup, Allan Equipment Manufacturing Ltd., 315 W. Covehead Rd., York, PEI, Canada COA 1P0 (ph 902-672-2510; info@allanequipment.com; www.allanequipment.com).



Compact power unit is 8 ft., 6 in. long, just under 4 ft. wide, and 27 1/2 in. high. It weighs about 1,760 lbs. and can handle a payload of up to a ton.

Compact Field Robot Offers Quick-Change Battery System

The compact HammerHead rover from FieldRobotics carries out field work and information collection at the same time and recharges in minutes. Its all-electric design uses actuators and electric motors to operate smoothly, effectively and efficiently in a wide variety of crops and conditions.

"The HammerHead rover can operate in open fields at more than 4 mph for 8 hrs.," says Riccardo Fini, FieldRobotics. "With its track carriage, it can operate in any condition with minimal soil compaction. It has an electric PTO for conventional mechanical implements and an electric actuator powered by a 3-pt. hitch with a 1,400-lb. lift."

The 23-kW lithium-ion battery can be recharged in as little as 2.5 hrs. The working field robot features a trolley system that makes quickly swapping a 350-lb. battery a one-person job.

"The HammerHead can operate as part of a fleet of field units or remotely for up to 8 hrs. on a single charge," says Fini. "With a 4G or 5G connection, it can operate in the field without an on-site operator."

The compact power unit is 8 ft., 6 in. long, just under 4 ft. wide and 27 1/2 in. high. It weighs about 1,760 lbs. and can handle a payload of up to a ton. The rover has two 6.7-hp. motors for continuous power and a peak power of 20 hp. It's also equipped with an electric motor-powered pto. The motor can produce 65 hp. peak power and sustained power of about 18 hp. at 2,700 rpm with

1,000 rpm PTO.

The HammerHead has a lidar-based location system, RTK GPS and stereo cameras. These allow it to operate autonomously in greenhouses, orchards and vineyards where GPS signals are weak or unavailable.

The 64-layer lidar supervisory system detects and reacts to obstacles. The control system can retrace a path around the obstacle in an open field. In a reduced space operation, the HammerHead will stop until the path is cleared.

Buzzers, onboard lights that notify workers in the area, and a bumper system that stops the machine on contact also ensure safety. The rover is equipped with three emergency shut-down buttons, two in the front and one in the rear.

A data harvesting kit with AI and a laser scanner and cameras can create a digital twin of the field for precision farming operations. The data collected can include leaf density, fruit count and other metrics to monitor nutrient needs and expected yield.

"The HammerHead rover is available only in Italy," says Fini. "We'll go international in January 2027."

The rover unit costs \$124,000. An electric mulcher and an intra-row disc each cost \$10,363. The low-dispersion sprayer costs \$41,454. Other tools include a forklift.

Contact: FARM SHOW Followup, Field Robotics, Via Bazzane 53/A, 40012, Calderara di Reno, Bologna, Italy (www.fielddrobotics.it).

Push-Off Empties Skid Buckets Fast

The Push-Off Bucket from HitchDoc boosts skid steer productivity and accurate material placement. No more shaking off sticky or dense material. The bucket can be cleared with every load in as little as 1 1/2 seconds.

"People are still discovering our latest product, the Push-Off Bucket," says Jake Perusich, HitchDoc. "When they see it, they are impressed with the novel design."

The metal fabricator has introduced three models with 68, 72 and 84 in. widths. The 68 and 72-in. buckets have a depth of just under 47 in., and the 84-in. bucket has a depth of 58 in. Depths are measured between the back of the bucket and the fully extended push-off extractor blade.

Equipping a skid steer with a Push-Off Bucket immediately increases the dump height by 3 ft., as does forward dumping. Piles can be taller, and loads can be delivered over taller trailer sides without risk of sidewall damage.

Another benefit is precise control of material delivery, from feathered gradual push-off to very fast. This makes the complete removal of even normally hard-to-move material easy. The extractor blade



Equipping a skid steer with a Push-Off Bucket immediately increases the dump height by 3 ft., as does forward dumping.

is self-cleaning, so materials don't get stuck behind it.

"We designed cutouts on the back of the bucket to prevent dirt from getting behind the blade," says Perusich.

Models range from \$6,500 to \$7,000. Perusich suggests contacting the company for the nearest dealer or ordering directly.

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