

He Builds Custom Residential Bridges

Jonathan Overman of Joplin, Mo., builds custom pedestrian, small vehicle and animal bridges. "My wife and I started a steel fabrication business a little over 2 years ago," he says. "We dealt primarily in metal buildings, but about 6 mos. ago, we built our first bridge to keep the guys busy while waiting for concrete to be done at our next construction site. We really had no intention of building bridges as such a large portion of our business. After we built the first one, things took off."

Overman uses pipe trusses for railings, which makes the bridges exceptionally strong. "Our target customers are looking for residential or private property bridges," he says. "When we place a bridge, and a homeowner gets to walk to their island pond for the first time... that's priceless. We also run into a lot of property owners that have never been able to access parts of their property." He's also installed bridges for city parks.

Overman will deliver or install his bridges across the country. "We recently installed a 55-ft. bridge in northern Pennsylvania as well as a couple of pretty cool bridges in Georgia," he says. "We hope to be selling more and more hours from us. Customers might not be able to justify the freight expense on a small



Overman uses pipe trusses for railings, which makes the bridges exceptionally strong. "Our target customers are looking for residential or private property bridges," he says.

bridge, but the larger bridges have enough cost savings to justify the freight cost."

Overman shares that his most popular bridge is 6 ft. wide. "We sell those bridges for \$175 a linear foot, so a 40 ft. by 6 ft. comes in right at \$7,000," he says. "We can custom-make any size and width, and we're typically 2 weeks out for a lead time."

Contact: FARM SHOW Followup, Jonathan Overman (ph 417-499-0181; overmansteelandfab@gmail.com).



"Unlike organic fertilizers like chicken litter, Ash Tea has no bad odors or pathogens," says McEnaney.

They're Making Liquid Fertilizer From Almond Shells

Nitricity's recipe for their Ash Tea 3-0-0.5 organic fertilizer is simple. Add water, almond shells, air and biomass and heat with renewable electricity to release the nutrients and steep. While the proprietary technology is much more involved, the end products are straightforward. Nitricity will be marketing a liquid fertilizer, ready to be applied directly to the crop or through irrigation systems in-season, and a nutrient-rich solid that can be used as compost in an early-season application.

"Initially, we were making a calcium nitrate product using an electric process to fix the nitrogen from the air and capture it in water with added limestone," says Joshua McEnaney, co-founder and chief technical officer of Nitricity. "More recently, we adapted our process to use biomaterials to make an organic, fast-acting nitrogen source. It's designed for irrigation systems and can be delivered to the farm in standard totes or by the tanker truck."

The Ash Tea is a second act for the innovative company founded in 2018. The founders set a goal to make a fertilizer that released fewer greenhouse gases, was free of animal inputs, pathogens and odors, worked

in irrigation systems and was produced using renewable energy. Another goal was to design systems that could serve farmers in the surrounding area rather than shipping products from one central plant. After several versions of pilot plants, they built a small sample production facility in Fremont, Calif., and began producing calcium nitrate.

"About a year and a half ago, we refocused on developing a liquid organic product," says McEnaney. "Unlike organic fertilizers like chicken litter, Ash Tea has no bad odors or pathogens."

Thanks in part to a \$4 million grant from the USDA, Nitricity will be building systems to support a second and larger plant in Delhi, Calif. It'll have a production capacity of 375,000 lbs. of nitrogen as liquid fertilizer.

"We're targeting specialty crop producers in the valley, but we can work with any crop," says McEnaney. "The price will start at \$10 to \$15 per lb., but we hope to lower it as we introduce different blends. We'll be comparable to other organic fertilizers in the market."

Contact: FARM SHOW Followup, Nitricity Inc., 44530 S. Grimmer Blvd., Fremont, Calif. 94538 (www.nitricity.co).

Remote Auger Control Kit Works From Cab

AugerBoss attaches to a swing auger and moves it by remote control. Instead of getting out of a cab to move an auger into position, the AugerBoss does it for you.

Founders Zach Davis and Paul Sites say, "We looked at existing products and felt a lot of improvements could be made over working with traditional dealers." Sites adds, "If you need to add remote control to an auger quickly, there aren't many options."

The kit consists of high-traction pneumatic wheels, jack assemblies with mounts, wireless remotes and a wireless 12-volt motor control module. Assembly and installation time are estimated to be less than an hour with basic tools.

"If something happens with your AugerBoss, call us, and we'll ship out an entire unit, if necessary," says Sites. We understand you can't afford to be down during harvest. We offer a no-questions-asked return if your AugerBoss isn't meeting your expectations. We believe in our product and want you to believe in it, too, risk-free."

When it came to designing and selecting components, the partners valued simplicity. "You can use any off-the-shelf garage door opener for the remote should you lose the ones included or want an extra remote," says Sites. "We wanted to be user-friendly. We may offer a smartphone app in the future, but



"If you lose the included remote or want an extra remote, you can use any off-the-shelf garage door opener," says Sites.

I know I have too many apps on my phone. For now, we're sticking to a physical remote. Just put it on your keychain."

AugerBoss kits will be available in 2025. A kit is priced at \$2,499 with free shipping. Contact: FARM SHOW Followup, AugerBoss, 2307 Indiana Ave., Kansas City, Mo. 64127 (ph 417-802-8437 or toll-free 866-402-8437; contact@augerboss.com; www.augerboss.com).



Aluminator trailer, with its hydraulic floor speed control, is designed for unloading in as little as 3 min. The floor has a 3/8-in. thick UHMW plastic liner, and the sides are lined from the bottom to the top with 3/16-in. HMW plastic.

Rent Or Buy These Fast-Unloading Belt Trailers

The Aluminator Belt Trailer from Aulick Industries can haul more and unload fast. The aluminum trailer is lightweight yet strong and durable. It's proven itself hauling corn gluten, grain and feed products. Like other Aulick trailers, it can be rented by the month, season or year.

"We sell our trailers around the U.S. and internationally," says Austin Aulick, Aulick Industries. "We've sold to Canada, Mexico, Ukraine, Germany and Australia and work with customers to ensure our trailers meet their country's regulations."

The Aluminator trailer, with its hydraulic floor speed control, is designed for unloading in as little as 3 min. The floor has a 3/8-in. thick UHMW plastic liner, and the sides are lined from the bottom to the top with 3/16-in. HMW plastic.

The trailer is available in 38 to 51-ft. models holding from 51 to 115 cu. yds. The top-hinge hydraulic main gate has a center knife gate and cylinder locks. It's equipped with ABS braking and air ride suspension with 25,000-lb. axles.

The Aluminator trailers range in price from \$110,000 to \$145,000. Aulick Industries also offers trailer rental and rent-to-buy, with rental payments going toward a down payment.

"We have renters nationwide," says Aulick. "Some are serial renters, while others rent for a season and later decide to purchase a trailer."

Tandem axle monthly rates for the Aluminator run as little as \$2,300 if rented for a year or as much as \$3,400 if rented for a month. If rented for the fall harvest months of July through November, a three-month minimum rental is required at \$3,150 per month.

Triple axle trailers are an additional \$300 per month, and quad axle trailers add \$600 to the monthly rent. If purchased within 30 days of a rental, 100 percent of the rent is credited against the purchase price. With the rent with the option to buy program, 50 percent of paid rent and damage deposit is credited against the rental trailer's purchase.

Aulick Industries is a family-owned and operated business founded in 1952 in Scottsbluff, Neb., where it's still headquartered. The company makes a wide variety of trailers and truck bodies for agriculture and construction.

Contact: FARM SHOW Followup, Aulick Industries, 730 Ave. I, Scottsbluff, Neb. 69361 (ph toll-free 877-285-4258; www.aulick.com).