

PTO-powered, the dual fighting channels grain flow into the auger, which has an 11,000 bu./hr. capacity. The auger has 1/4-in. thick fighting and a 12-gauge tube.



## Swing Auger Extends Into Place

Swing augers make unloading easy, but unloading with AGI's X-Tend swing auger is even easier. Canadian farmers have had the option for five years. After trickling into North Dakota and Minnesota, it's now available in the U.S.

"We showcased it at the Farm Progress Show this past summer, and it was well received," says Jason Jones, AGI. "It's still fairly new to our U.S. dealers, but a few have it in stock. If not, it has a four-week turnaround."

Designed to work with AGI MKX 13 and 16-in. augers, the X-Tend swing auger simplifies unloading and reduces the potential for auger mishaps. Jones suggests it saves time and reduces stress experienced with a standard swing auger when trying to do two tasks at once.

"With a conventional swing auger, an operator is often using his remote to move it into position as he pulls in," says Jones. "It's easy to make a mistake. With X-Tend, he only extends it when the truck is in place. Then,

he can use the swing function to move back and forth as needed without repositioning the truck. When the truck is empty, he presses retract and drives away."

The 17-ft. X-Tend swing auger is low-profile, making it easy to position under grain trailers. PTO-powered, the dual fighting channels grain flow into the auger, which has an 11,000 bu./hr. capacity. The auger has 1/4-in. thick fighting and a 12-gauge tube. Three-way hydraulic controls are mounted on the swing tube, and a remote control option is available.

"The X-Tend swing auger is a premium accessory," says Jones. "It adds approximately \$16,000 to the price of a standard 13-in. auger. On a 16-in. auger, the price is closer to \$20,000."

Contact: FARM SHOW Followup, AG Growth International, 198 Commerce Dr., Winnipeg, Manitoba, Canada R3P 0Z6 (socialmedia@aggrowth.com; www.agrowth.com).

Having the sampling unit and container mounted on an ATV, UTV or truck makes it easy to quickly and accurately complete numerous trials.



## Soil Sampler Mounts On Most Vehicles

"We've built a vehicle-mounted soil sampler for general analysis and environmental research," says a Big John Manufacturing company spokesperson. "It's designed to increase the speed and efficiency of soil sampling."

Big John developed the Speedy Soil Sampler, an automated machine that can be mounted on an ATV, UTV or pickup truck. Its purpose is to reduce the time farmers, consultants, researchers and fertilizer dealers spend in the field.

An electric-start 7 to 13-hp engine drives a high-pressure hydraulic power pack and pump. This unit supplies power to a remote-controlled outrigger that lowers the auger to the ground or raises it into the transport position. The head, equipped with a 1-in. by 36-in. carbide spade tip bit, moves up or down to the desired depth. The collected samples are deposited into a handy bucket before the auger moves to the rest position.

The desired depth can be adjusted up to 36 in. The vehicle weight is converted to allow enough down pressure to penetrate frozen or compacted ground. The specially designed outrigger eliminates stress on the vehicle when the auger is removed from the ground,

providing enough stability to prevent the bit from bending or seizing.

Numerous options include a drill sensor to prevent stalling, in-cab electronic throttle control, a twin-tip auger, quick coupler kits and a larger 14-hp engine.

Having the sampling unit and container mounted on an ATV, UTV or truck makes it easy to quickly and accurately complete numerous trials.

"With the concern of nitrates leaching into the groundwater or phosphorus runoff into surface water, increased sampling is often encouraged or even demanded. This is where the Speedy Soil Sampler comes into play. Farmers, consultants, fertilizer dealers or environmental researchers can complete more tests and spend less time in the field with our automated equipment."

The company recommends that interested customers contact them by phone or the contact form on the website for pricing and availability.

Contact: FARM SHOW Followup, Big John Mfg., P.O. Box 456, Osmond, Neb. 68765 (ph 402-748-3860; fritzd@bigjohnmfg.com; www.bigjohnmfg.com).



MacKenzie still uses the 50-year-old bucket truck he rebuilt with a 1975 International Loadstar body in his business.

## Old Bucket Truck Gets New Life

Greg MacKenzie says he always gets compliments and thumbs-up gestures when people notice his restored 50-year-old bucket truck. The vehicle has been a solid performer in his electrical contracting business since 1975.

"I was 18 and remember seeing the truck being used for maintenance by the city of Rye, N.Y.," MacKenzie says. "Later, I learned that the city had used it to raise a large steel beam, which sheared off the bucket. The engine needed a valve job, and the body was rusty, so they traded it. I found it at the dealer and was able to buy it for \$325. It was in really tough shape. I made a few repairs to get it working, then decided to give it a complete makeover."

MacKenzie replaced the original 1961 International truck body with one from a 1975 Loadstar 1600 International. That chassis had a #345 gas engine and a four-speed standard transmission. He wanted that chassis because it had a shorter frame, making the truck easier to park in the spaces where he'd use it. He ordered a fiberglass tilt hood on the replacement rather than the original butterfly design because working on the engine would be easier.

Rather than patch rusted metal on the truck body and repair the boom lift, MacKenzie purchased an identical replacement from Delphi Body Works. He shipped the truck to Indiana so the company could make the switch.

"I thought about working on the body myself," MacKenzie says, "but I'm a small business, and the time and money I'd spend on that was better spent on a complete replacement. Delphi has an excellent reputation for reworking and rebuilding, and then I'd get a factory guarantee."

When the factory completed the work, MacKenzie flew to Indiana to pick up his "new" vehicle. "It was everything I'd hoped it would be," he says. "We spent the next day and a half on the highway at 55 mph driving it back to New York. The only additional work I did was add power steering, making it much easier to handle. We've used it in the business for line work, lighting repairs and installs. We've never had any maintenance issues. My beloved 50-year-old truck only has 50,000 miles on it and still runs like it's new."

Contact: FARM SHOW Followup, Greg MacKenzie, 14 Mead Pl., Rye, N.Y. 10580.



Pulsars use straight gasoline or a diesel and gasoline mixture. An optional accessory is a backpack with a built-in 3.3-gal. fuel tank that offers over four min. of burn time.

## Flamethrowers Ideal For Land Management

Exothermic Technologies, a Florida-based company, offers a pair of flamethrowers to suit various needs and requirements.

The original model is the green Pulsar LRT, which is 25.7 in. long and has a 25-ft. firing range and a 27-second fuel burn. When the onboard .35-gal. tank is fully loaded, the unit weighs 6 lbs.

The 16-in. long Pulsar UBF (Underbarrel) flamethrower weighs 6 lbs. with a loaded .25 gal. tank. It features a 25 ft. flame reach.

Both units are equipped with a continuous arc ignition system. "The arc ignition means you don't need propane," says Caden Kellagher, Exothermic order representative. "You just pull the trigger, and it lights up."

The flamethrowers have rechargeable lithium batteries that power the arc ignition system and fuel pump.

The Pulsars use straight gasoline or a diesel and gasoline mixture. An optional accessory is a backpack with a built-in 3.3-gal. fuel tank

that offers over four minutes of burn time.

"They're completely safe to use," Kellagher says. "There's a safety cut-off on the circuit board if the voltage gets too low, a safety cover on the trigger switch, and a cut-off on the front at the nozzle."

He explains the units are becoming popular for employing controlled burns of weeds, lighting burn piles or bonfires, removing snow from driveways, controlling insect hives, pyrotechnic events, and film and television productions.

The flamethrowers are made in Florida and sold directly from the website or through a network of dealers across the U.S.

The Pulsar LRT retails for \$609, and the UBF sells for \$489.99 plus S&H.

Contact: FARM SHOW Followup, Exothermic Technologies, 7356 Commercial Cir., Unit D, Fort Pierce, Fla. 34951 (ph 772-204-0700; info@exothermic.tech; www.exothermic.tech).