

Doyle Twin Seeder has two hoppers that can hold and plant different kinds of seed at the same time.



New Twin Seeder Is Ideal For Cover Crops

Denis Doyle says his company is producing a fully integrated twin seeder because customers of other products they make want to sow two types of seeds in one pass. Doyle introduced the new machine at Agritechnica 2023 in Germany. Design Engineer Martin Page says that prototype testing of the seeder has gone well, and the company is hoping to have production units available by the second quarter of 2024.

One farmer observing the display unit said the company put a lot of thought into the technology to make multi-seed planting easy. The multi-seeder has two hoppers with independent metering rolls, each powered by an electric motor connected by a unique timing pulley arrangement. The meters have different roller options for different seed types and can be calibrated individually for extremely accurate planting rates in all

conditions. Seed is delivered by a high-output hydraulic-driven fan.

For operation, the seeder requires a 20A electrical hookup and hydraulics with a 40L/min. flow rate. Planting calibration is done on a touch panel.

At Agritechnica, Doyle displayed a seeder with a 170L (45 gal.) capacity in each hopper. A twin 400L (105 gal.) option is available, and Page says they plan to produce other units with 270L (70 gal.) capacity. The larger seeders, depending on fan size, could accommodate 16m to 18m (50 to 60 ft.) seeding widths. Contact the manufacturer for pricing and availability. The company is actively looking for a North American distributor.

Contact: FARM SHOW Followup, Denis Doyle Ltd., County Kildare, Ireland (www.denisdoyleltd.com).

Brush Rake Moves Big Branch Piles

Norman Bennett says his 1951 Oliver OC-3 dozer has been a workhorse for many years, but moving downed tree branches with the blade is sometimes difficult. He solved the problem by building a sturdy metal brush rake that mounts to his dozer when the blade is removed.

"I picked up some old 3/4-in. thick metal cutting edges for free that the highway department discarded," Bennett says, "then I cut two of them for horizontal pieces and five of them for uprights." He spaced the 7-ft. long notched bars horizontally about 12 in. apart and held them in place by welding the vertical uprights into notches on both bars.

The horizontal bars mount to brackets on the front of his OC-3 that hold the dozer blade. Two 1-in. draw pins hold the rake securely in place. He mounted a pickup tailgate protector on the backside of the three center uprights to keep brush away from the grill and radiator. The black poly protector fits snugly against 1-in. bars welded to the three uprights.

To prevent brush from sliding over the top of the rake, he welded 10-in. long pieces of rebar to the top of each vertical bar. The bottom of those bars extends about 8 in. below the horizontal bar of his rake to grab brush that's piled tight to the ground. Each vertical bar has a point at its base to lift branches as he raises the rake.

Bennett says the rake, just like his 72-year-old OC-3, is as dependable as the day is long. "The rake picks up and piles branches much better than the blade. Better yet, in 5 min. I can switch back to the dozer blade if I need it."

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Vertical bars are pointed to pick up brush tight to the ground. Draw pins make changing back to the dozer blade quick and easy.



Sno-Power's U7 was introduced this past October after a customer requested a snowplow for his RTV.

New RTV Remote-Operated Snowplow

Sno-Power has a new snowplow designed specifically for Kubota RTVs. The electric-over-hydraulic system on the U7 is designed like a truck-style snowplow with a push cylinder and wing cylinders to handle hidden obstacles. The operator controls the U7 with a remote.

"It has a push cylinder on the 20-in. wide center section that provides a 4-in. cushion to absorb shocks," says Rick Knuth, Sno-Power. "The 32-in. wings also have nitrogen cylinders to smooth the shock when they trip."

Knuth explains the use of nitrogen cylinders instead of springs as a matter of controlling pressure. With springs, pressure can reach thousands of pounds before they trip. A nitrogen cylinder trips when compressed to 500 to 800 lbs.

"The resulting impact with a cylinder is

much smoother and easier on equipment," adds Knuth.

The cutting edge on the U7 is another unusual feature, according to Knuth. "I don't know of any other UTV snowplow with a hardened 3/8-in. cutting edge," he says. "It also has a light system integrated to remote control."

The U7 was introduced this past October after a customer requested a snowplow for his RTV. At this time the company has no plans to modify it for use on other UTVs. With many of the same features as full-size truck snowplows, it's priced at \$9,000 MSRP.

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1/2-in. thick vinyl panels come in 4 ft. widths and range from 8 to 20 ft. lengths.

Vinyl Walls Tackle Barn Moisture

Duramax PVC, a division of U.S. Polymers Inc., is making inroads into the dairy barn construction industry by offering its vinyl wall and ceiling panels as a more sustainable alternative to drywall and FRP (fiber-reinforced plastic) panels.

"Our vinyl panels for the agricultural industry are strong and completely water resistant," says David Schulhof, U.S. Polymers Inc. CMO. "Water doesn't absorb into them like drywall or FRP, so it's safe for them to be in a damp environment, even to pressure wash them without worrying about moisture and rot getting in the walls."

The Duramax value proposition is a much quicker installation process than their competitors as panels are rigid and sturdy and don't require an adhesive or a vacuum board but fasten directly to a wall frame. Panels come with a predrilled interlocking feature, allowing them to efficiently fasten together. They can be cut to fit trim and edges just like drywall. Silicone caulking could be used along the seams for extra protection if extensive water contact is expected, but the interlocks do an excellent job of keeping moisture out.

"They go up twice as fast with half the

people because of the convenient interlock feature," Schulhof says. "Screw them to the stud, slide the next panel in, and keep going. They're practically seamless."

The 1/2-in. thick vinyl panels come in 4 ft. widths and range from 8 to 20 ft. lengths.

Manufacturing is completed in Commerce, Calif., with shipping done directly from their factory.

Schulhof says their experienced sales force will complete estimates and help potential customers decide on the amounts and sizes required. They even offer free samples of the interlock and trim, plus guarantee their product with a \$25,000 replacement service due to water failure.

"Costs are competitive with FRP, plus we sell large or small amounts with quantity discounts," Schulhof says. "You also save money on installation and never have to replace it. We want to make it easy, so we help with all the arrangements for delivery and shipping to a convenient drop site."

Contact: FARM SHOW Followup, Duramax PVC Wall Panels, 1057 S. Vail Ave., Montebello, Calif. 90640 (ph 213-652-7665; www.duramaxpvcpanels.com).