

Irrigation System Adds Flexibility

Vegetable, vineyard, orchard and greenhouse farmers using irrigation often face issues such as drop migration and clogging in their online drippers. To reduce these frustrations, Netafim offers its Hybrid Dripline, featuring higher clogging resistance and flexibility in the number of drippers per plant. It also reduces time, labor costs and reliance on third-party irrigation installation.

For greenhouses and protected crops, the Hybrid system also supports advanced setups, such as substrate irrigation, through seamless integration with other Netafim products.

The Hybrid Dripline combines the strengths of integral and online drip irrigation systems into one seamless product. It features a pre-installed, built-in outlet on Netafim's UniRam™ dripline, allowing for fixed and consistent water application points. The system incorporates TurboNet™ labyrinth technology, delivering a wide cross-section of water passages that enhance clogging resistance against sediments, even with lower-quality water. The outlet can be plugged or unplugged to suit crop development stages, making it highly adaptable.

"This durability enhances sustainable farming by minimizing resource consumption, material waste and system downtime," says Netafim U.S. Senior Director of Products and Agronomy Chuck Bates.

The Hybrid Dripline is commercially



Hybrid Dripline offers higher clogging resistance and flexibility in the number of drippers per plant.

available as part of the UniRam range, with gradual rollouts planned for additional product lines in the near future. Plans are in the works to expand across Netafim's broader Heavy Wall portfolio.

"The system is delivered pre-assembled, meaning it comes ready for immediate use, significantly simplifying the deployment process. The plug-and-play design of the Hybrid system reduces the need for additional components, and its flexible technology integrates with numerous other Netafim innovations," Bates says.

Pricing may vary based on region and configuration. It's recommended that interested customers visit the website for more information.

Contact: FARM SHOW Followup, Netafim North America, 5470 East Home Ave., Fresno, Calif. 93727 (ph 888-638-2346; www.netafimusa.com).



As a final step, select "structure details" and review selections. The 3D tool makes it easy to go back and make an adjustment.

3D Tool Makes Building Design Easy

In the market for a building and know just what you want? In the market for a building and don't know what you want? Miracle Truss has the answer either way. The DIY building company has building galleries of all kinds to select from. If nothing is just right, it's easy to design your own with their online 3D Building Design Tool.

Equally easy is to erect the kit you've designed.

"A large percentage of our customers erect their building themselves," says Corey Secrest, Miracle Truss. "There are a lot of variables to consider, such as crew, experience level, building size and equipment used. However, framing for a 20 by 40 could be erected in just a few days."

Before putting it up, you need to have a design in hand. Simply click on the 3D tool on the company website to get started. Choose from one of five standard style options, including gable, gambrel, monitor, single slope and canopy. Pick shingles or metal for the roof, then select from 18 different roof pitches and 14 center section wall roof overhangs, ranging from none to

12 ft. As you make choices, the 3D visual changes to reflect your selections.

Once you have selected the basic building design, consider adding a lean-to, porch, or other attachment on either the left or right side. Select your building's size with width options of 16 ft. to 124 ft., lengths of 20 to 120 ft. and eave heights from 8 to 30 ft.

Other selections to make include siding, insulation, doors, windows, exterior options, colors, truss type and floor plan, all of which are visible on the screen.

As a final step, select "structure details" and review selections. The 3D tool makes it easy to go back and make an adjustment.

While the copy on the page suggests an estimated price is shown, no price was displayed when this writer went through the exercise. As is common with projects of this nature, prospective customers are invited to submit contact information for a callback from a salesperson.

Contact: FARM SHOW Followup, Miracle Truss Buildings, 1111 Alabama St., St. Joseph, Mo. 64504 (ph 800-208-1969; www.miracletruss.com).



The Premos 5000 can be operated as a stationary machine. A foldable bale feeder with automatic twine removal for large square bales can be added.

Towed Mill Makes Straw Pellets

German manufacturer Krone developed the Premos 5000, a mobile pellet harvester and stationary mill that harnesses the potential of straw, which is often abundant in harvested fields. The machine presses the material into top-quality, high-fiber pellets, ideal for bedding, animal feed and fuel right in the field.

"The towed unit requires a 350 to 450-hp tractor to pelletize hay or wheat, barley, oats and canola straw," says Krone Product Specialist, Niklas Beindorf. "The material must be below 16% moisture content for optimal efficiency."

A 2.5-m wide pickup gathers the input material and directs it to a feed rotor where a belt conveys it through two large, contra-rotating drums. The roller drums press the material at extremely high pressures through holes in the opposite roller, producing 16 mm diameter pellets. These pellets then drop into the drum's interior from where they travel by auger to an elevator, which transfers them to another drum for debris and dust removal. The finished pellets are conveyed to a 5-ton hopper where a blower cools them.

The Premos 5000 can pelletize between 5 and 6 tons per hour. Rear liquid tanks hold

water and oil that can be dispensed into the hay or straw for optimum moisture and pelleting results.

"It's not necessary to constantly add water and oil as it's only needed for a short moment," Beindorf says. "When the resistance in the die rollers is broken, the liquid can be turned off. The physical rule behind this is that material with higher moisture content is easier to compact, while dry material is more slippery and difficult to press."

Cab-mounted monitoring systems are ISO-BUS compatible and offer a 5.7, 8 or 12-in. touch display screen.

The Premos 5000 can also be operated as a stationary machine. A foldable bale feeder with automatic twine removal for large square bales can be added.

The versatile pelletizer is manufactured in Spelle, Germany, where all Krone Ag machines are built. They're currently available to North American farmers.

Contact: FARM SHOW Followup, Krone North America, 12121 Forest Park Dr., Olive Branch, Miss. 38654 (ph 662-913-7171; info@krone-na.com; www.krone-northamerica.com).

Automated System Keeps Hogs Fed

BridgRid offers multiple components that automate hog feeding systems to ensure a steady flow of feed. The components are the solutions Greg Pleima needed when finishing hogs himself. Ensuring feed flow required constant monitoring by workers, often busy with other projects. After years of frustration with malfunctioning systems, he designed his own.

"I wanted a system that addressed the issues I was having with feed and labor," he says. "I hadn't been able to find solutions, so I put together a system, and it worked."

When other hog finishers saw his first effort, they encouraged him to make it available. As a result, he started BridgRid about 13 years ago.

BridgRid's product is an internally mounted grid system that can be installed in nearly any sloped bulk container with a bottom discharge. By connecting opposing sides, it can send even and constant vibrations through the entire bin structure. It agitates the feed in the lower portion to keep material flowing. Sensors installed on the feedline ensure it's full and activate the vibrations as needed.

Additional components from BridgRid further enhance automation and reduce labor needs. The RotoSlide automatic bin slide is the most compact bin slide on the market. The RotoDrive controls RotoSlide bin slides on up to four bins remotely, allowing the slides to be set from closed to completely open in 10% increments. The RotoVolt power control panel manages power flow to up to 16 RotoSlides at one time.

"Everything in a swine finishing barn is designed to be automated," says Pleima.



BridgRid's product is an internally mounted grid system that can be installed in nearly any sloped bulk container with a bottom discharge.

"The last leg of the stool is feed delivery and inventory. Our products provide that. You can feed out of only one bin at a time without having someone to monitor it."

A single bin agitation system is priced at \$1,300. BridgRid sales and installation teams customize systems as needed, notes Pleima.

Contact: FARM SHOW Followup, BridgRid, P.O. Box 305, Pella, Iowa 50219 (ph 641-521-2192; greg@BridgRid.com; www.BridgRid.com).