



Summers Spray Fill Xpress uses 3-in. dia. plumbing to cut fill times by more than 80 percent.

## Spray Fill Xpress Speeds Up Fill Times

The Spray Fill Xpress can increase spraying productivity by as much as 82 percent. That can knock a 30-min. filling time down to less than 7 min.

"This is a quality system manufactured by a North Dakota company with over 55 years experience," says Ben Idland, of Summers Manufacturing. "The Spray Fill Xpress was farmer-inspired with intentions of drastically cutting your filling time down during spraying season or any time you are running multiple loads and want to be more efficient."

The system features a unique chemical batching process, including 3-in. dia. plumbing to decrease filling time.

Setup is simple, as the deep stainless steel tanks make it possible to pour in chemicals quickly with minimal splashing and allow for complete drainage when done.

Each of the Xpress's tanks can hold different chemicals, which helps avoid premixing. The tank comes equipped with a jug rinse system for streamlined cleanout.

You can add optional scales to the Spray Fill Xpress to weigh chemicals accurately, ensuring the correct ratios. Just weigh the chemicals as they enter the containment area and reset the scale between varieties.

## He Built A Buzzsaw To Cut Firewood

FARM SHOW contributor Tony Bunniss built a buzzsaw to improve efficiency when cutting firewood.

The saw has a story that spans several years. After moving to the country, Bunniss purchased six acres adjacent to his property with plans to harvest firewood from it.

"I was no stranger to felling trees and cutting firewood with a chainsaw," he explains. "The home where I grew up was heated with wood. From about 13 years old on, I was the logger."

He had never had the opportunity to use a buzzsaw due to his father's belief they were too dangerous.

But, after exclusively heating with wood for three years, Bunniss became tired of cutting up logs with his chainsaw. So, he decided to build a safe buzzsaw and worked with his friend and neighbor Curt to refine the design. The resulting machine is self-contained, safer and towable.

The blade is enclosed in a shield that travels back and forth with the platform. An automatic lock on the platform unlocks when a log is placed on it. These two prevent anyone from falling into the blade.

The saw, which is powered by a 10 hp. Kohler engine, cost only a few hundred dollars to build.

Use the included rinse wand to clean out the tanks or make a slurry during dry chemical induction. The full rinse system makes it possible to flush the remaining chemicals to the sprayer while prepping the tank for the following chemical batching process. This ensures the entire system is fully flushable to eliminate contamination from one batch to another.

They offer the original SFX2430 or the smaller SX1630. The high-capacity original model measures 102-in. long and can be fitted with three to six tanks for a total capacity of 240 gal. At 78 in., the smaller model can fit crossways on a trailer. It holds two to four tanks for a 160-gal. capacity. Says Idland, "Our different sizes and options leave a wide window of opportunity to many different operations."

Summers Manufacturing has two locations, Devils Lake, N. Dak. and Aberdeen, S. Dak. Contact the company directly for a price estimate and analysis of which system will best fit your situation.

Contact: FARM SHOW Followup, Summers Manufacturing, INC., P.O. Box 580, Devils Lake, N. Dak. 58301 (ph 800-732-4392; www.summersmf.com).



Bunniss's towable saw has a shielded blade and a platform that unlocks when a log is placed on it.

Curt passed away in 2017, and Bunniss painted the saw red to honor his friend's longtime love of red tractors.

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Sharq Edges blade system includes a mounting board that makes blade changes quick and easy.

## Swedish Cutting Edges Really Bite

The Sharq Edges System, with its serrated blades, takes a bite out of ice and washboard road surfaces alike. Designed for motor graders and snowplows, the unique design is catching on quickly. Used in Sweden for decades, Equipment Blades introduced the system to the U.S. in 2014 with its wide variety of cutting edges, including the serrated ones.

The Sharq Edges System includes a thin cutting blade of specially formulated steel. "It's hard, yet not brittle," explains Jack Hunter, Equipment Blades. "The unique serrated blade shreds ice and packed snow and cuts out washboards and potholes. The blade cuts so easily that operators can cut back on fuel consumption."

The serrated edge blades are perforated with holes that reduce weight and act like a box blade as cut free material flows through. As the edge wears, the operator simply lowers it on its mounting board.

"The holes in the blade mix the material, and the fines spread across the road, rather than being pushed into a windrow," says Hunter. "This eliminates a second trip to spread the windrow."

The Sharq Edges System includes an equally unique mounting board. It shields the moldboard from damage while making blade changes fast and easy. Cutting blades

ride on mounting wedges rather than being bolted in place.

"Operators can switch out blades in a matter of minutes with just a hammer," says Hunter. "They can switch blades as conditions change without returning to the shop."

The 3 to 4-ft. sections of cutting-edge blades weigh only 30 lbs. That compares to standard edge blades that weigh more than 100 lbs. each and require pneumatic or impact wrenches to mount and remount.

Sharpening the cutting edges is easy too. The operator simply tilts the moldboard back to a 55-degree angle and uses the road surface to grind down the cutting edge. Once a sharp beveled edge is obtained, the operator tilts the moldboard back to a 70-degree angle for maximum cutting.

Hunter emphasizes that the Sharq Edges System is only one of multiple solutions Equipment Blades offers.

"We don't make a recommendation until we know what the customer is working with and the surface they are running on," says Hunter. "Only then do we recommend a solution and give a price."

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MacDon is using aluminum components in their new heads to keep weight down as sizes increase.



## New Corn Header Has Aluminum Components

As new harvesting equipment keeps getting larger, MacDon Industries is working hard to keep the weight of headers in check. The company's new C-Series Corn Heads and FD2 Flex Draper have several aluminum components that reduce weight.

MacDon says the company's new corn heads have aluminum gearboxes and a compact driveline that requires less power to operate than other heads on the market. The snouts are designed to lift downed corn, minimize ear bounce, and follow curved rows. Those features together with a unique OctiRoll Residue Management System create cleaner, more efficient harvesting with well chopped and evenly distributed crop residue. The optional rotary end dividers help lift downed corn and optional stubble stompers help reduce tire or track wear.

C-series heads have snapping rolls with

four point-to-point knives and four serrated edges that crimp incoming stalks every three inches with the serrated edge. Residue is consistently chopped into 2 or 3-in. pieces. Snapping units run closer to the ground than competitive brands for better harvesting in downed corn. The ribbed snouts create less drag allowing material to flow smoothly.

FD2 Series flex draper headers offer 70 percent more flex and 20 percent more capacity at 30 percent higher harvesting speeds than previous MacDon headers. The FD2 has an all-new frame with 50-in. deep drapers and aluminum components in the frame and reel to reduce weight.

Contact: FARM SHOW Followup, MacDon Industries, 680 Moray St., Winnipeg, Manitoba, Canada R3J 3S3 or 10708 N. Pomona Ave., Kansas City, Mo. (www.macdon.com).