

Stone Crusher can pulverize stones as large as a basketball into flour according to Bugnot.



Crusher Turns Field Rocks Into Fertilizer

Why pick stones and carry them off the field when you can crush them into powder and leave the fertilizer-enhancing minerals in place? The rear-mount, pto-powered Bugnot rock crusher can dig out and crush stones to a depth of 10 in.

"The Bugnot can pulverize stones as large as a basketball into flour," says Sam Abourjeily, Bugnot NA.

The 1,000-rpm crushers have to be operated at relatively slow field speeds. However, the deeper they work, the longer between uses.

"Depending on local freeze and thaw, it can be as much as 8 years before you have stones at the surface again," says Abourjeily. "Annual stone removal wastes valuable time each spring."

The Bugnot stone crushers come in varying widths from 5 to 10 ft. and require 60 to 500 hp. Stones are pounded against hydraulically adjustable anvils using 6 to 14 hammers, depending on the working width. Hammers are 6/14 hard-faced steel for use against limestone or tungsten carbide hammers for high wear and wood applications. Hammers are mounted to a steel rotor machined from a solid steel bar.

The distance between the hammers and the anvils can be adjusted from the tractor seat. The less distance, the finer the finished material. The anvils are mounted in multiple sections on rams coupled to a nitrogen accumulator shock absorber. It, too, can be controlled from the tractor seat.

"At an 8 in. depth, you create a fluffy material you sink in to your knees," says Abourjeily. "You can pull into an abandoned field grown up with trees and turn them into mulch with the machine. Then drop it into the ground, and pulverize everything including roots, stumps and stones."

Abourjeily recalls, after one demonstration, a farmer said, "I should've had this 40



Stones are pounded against hydraulically adjustable anvils using up to 14 hammers.

years ago."

"Other customers tell me they quickly have neighbors knocking at the door asking what they had done to increase the value of the farm," says Abourjeily. "There's a real opportunity to do custom work for other farmers in the area."

Bugnot is a French company that makes a wide array of stone crushers, grinders, and forestry mulchers. Bugnot NA markets the machines in both the U.S. and Canada. Abourjeily deals directly with farmers, setting up demonstrations and sales. He does offer commissions to retailers or past customers.

"It's difficult for specialty brand retailers to focus on a short line like us, and it adds cost," says Abourjeily. "We prefer to offer the lowest price we can to our customers."

Abourjeily reports machines vary from \$60,000 to \$160,000 (USD). "Our 10-ft. machine is our biggest seller," he says. "It requires a minimum of 270 hp. to go 7 in. deep. However, we have crushers to suit any needs, large or small."

Contact: FARM SHOW Followup, Bugnot NA, 2098 County Rd. 3, Casselman, Ontario, Canada K0A1M0 (ph 613-678-0405; info@bugnot.ca; www.bugnot.ca).

Grip And Stack Clipped Trees

The HyReach Clipper from Precision Manufacturing is even handier with the addition of CLAMPit. The add-on to the tree shears lets the operator grip a tree or limb before cutting it. Once it has been cut, CLAMPit can be used to lay the tree or limb safely on the ground for later cleanup.

It reduces the risk of a tree or branch falling and causing damage or injury. Clamping is controlled from inside the cab with a wireless remote or with joystick controls if the tractor is equipped with electrical pin options.

CLAMPit has a 200-lb. load limit, which equates to a 5 ft. length of 9-in. dia. red oak or a 7 ft. length of 9-in. dia. cedar. The device has hardened T1 clamping blades and a backstop to prevent the tree from falling back.

CLAMPit is priced at \$2,695. It can be added to existing ED HyReach Clippers, the older XD series, or ordered with new ED models.

Contact: FARM SHOW Followup, Preci-



Tree shear can handle up to a 9-in. dia. tree.

sion Manufacturing, 800 Market St., Sedalia, Mo. 65301 (toll-free 888-497-3224; info@precisionmfg.com; www.precisionmfg.com).

Simple Rock Picker For Skid Steers, Loaders

For anyone with a few rocks, stumps or wood to clean up, Loftness offers the EZ Pick Rock Picker for skid steers, wheel loaders and telehandlers. Rebranded from the previous Kwik Pik version, Loftness has upgraded the unit.

While not meant for scooping windrows of rocks as its bat isn't spring-loaded like larger field versions, the EZ Picker works for sweeping single scattered rocks or debris into its bucket.

The units come with either 72 or 84-in. buckets. The choice of size is dependent on the jobs required and lift capacity of the skid steer or loader. Mounting is easy as they're equipped to fit universal skid steer and loader brackets and hydraulic couplers.

"The reel isn't meant to be run all the time," says Dave Nelson, Loftness consultant. "You just drive up to rocks, debris, or pieces of wood, stop and hit the hydraulics to scoop it into the bucket."

A hydraulic motor drives the chain, which propels the 360-degree, reverse-capable bat.

The EZ Picker opening measures 24 in. for large or small rocks.

"When your bucket is full, just position the reel up and out of the way and dump the contents onto a pile or into a truck," Nelson



Rock picker reel is hydraulically driven by the operator to move stones into the bucket.

says.

The units are manufactured in Hector, Minn., and distributed through North American dealers.

The 72-in. EZ Rock Picker sells for \$12,283, and the 84-in. for \$14,933.

Contact: FARM SHOW Followup, Loftness, 650 South Main St., Hector, Minn. 55342 (ph 800-828-7624; info@loftness.com; www.loftness.com).



Heavy-duty corn processor improves crushing helping with fiber and digestibility in forage.

Heavy-Duty Corn Processor For Forage Harvesters

Farmers harvesting corn, hay or other forages with their Dion-Ag Scorpions or John Deere 2430 harvesters now have the option to easily install a more robust kernel processor.

"Our TST 360 is used mostly in the dairy industry," says Mike Brown, Sales Manager. "You can chop corn longer and crush up the kernels and pieces of cobb for more effective fiber plus improve digestibility."

The drive pulleys remain the same size while the dynamically balanced rollers rotate at 3,900 rpm and are 6 and 10 in. for a 60 percent ratio. Rollers are also heat treated for durability and feature a unique geometric serration profile for efficient grain and stalk processing.

The installation or removal process of the kernel processor takes about 20 mins. Dion-Ag has "how to" videos posted on their website with step-by-step instructions for the task.

Rolls are produced locally and assembled and installed at the Quebec factory. Packages include the entire hardware kit and sell for \$9,000 USD plus S&H.

Dion-Ag sells only through a dealer network which is listed on their site. Brown encourages those interested to contact their local dealer for more information.

Contact: FARM SHOW Followup, Dion-Ag Inc., 429 South Coast, Boisbriand, Quebec, Canada J7E 4H5 (ph 450-437-3449; dion-ag@dion-ag.com; www.dion-ag.com).

Cultivating Out "End Row" Corn

Kevin Gogerty cultivates corn out of the end rows where the planter crossed the point rows.

"It eliminates very high plant populations that would produce few ears and have barren stalks," he says.

Contact: FARM SHOW Followup, Kevin Gogerty, 33486 K Ave., Hubbard, Iowa 50122.

Cultivating corn from end rows (where the planter crossed) eliminates high plant populations that would be less productive.

