

New RotoCrusher Super Mulcher Has Two Gearboxes

If you thought the red RotoCrusher land-clearing machine featured in the Best of FARM SHOW 2015 was impressive, you need to check out the new, yellow dual-power version, says Nick Quail, technical manager with St. George Co. Ltd. in Ontario.

“Each RotoCrusher Super Mulcher™ is shipped with two complete gearboxes. The slower ratio gearbox will turn the rotor at 600 rpms, while the higher ratio gearbox will turn the rotor at 1,425 rpm’s. The high and low ratio gearboxes are easily swapped to change rotor speeds,” he explains. “It is the only machine that has the capacity to have 2 different rotor speeds on a 1,000 rpm pto at 300 to 400 hp.”

Two gears allow the RotoCrusher Super Mulcher to be a multi-purpose piece of equipment. The slower ratio gear has the power for below grade work, crushing stones and stumps. The higher ratio gear quickly mulches wood and standing trees.

“Other unique features are the left and right

hydraulic-controlled, adjustable side skid pads. These allow the operator to lower the rotor into the ground for below grade work and raise up the rotor above grade for high speed mulching,” Quail explains.

The mulcher has tungsten carbide hammers that work material against Hardox steel counter knife/wear surface bars to reduce the size of the finished mulch. It mulches stumps up to 12 in. in diameter and crushes 10-in. stones.

The RotoCrusher Super Mulcher comes in two sizes. The 220 has a 7-ft., 3-in., working width and 13-in. working depth. The 240 has a 7-ft., 11-in. working width and 16-in. working depth. They require tractors with 220 to 400 hp.

Check out the St. George Co. website for more information.

Contact: FARM SHOW Followup, St. George Company, 20 Consolidated Drive, P.O. Box 430, Paris, Ont. Canada N3L 3T5 (ph 800 461-4299; www.thestgeorgeco.com).



RotoCrusher’s high and low ratio gearboxes can be easily swapped to change rotor speeds, depending on whether you want to crush stones and stumps or mulch wood and small trees.

Wheat/Cover Crop Plates For Deere, Kinze Planters

You can plant wheat and cover crops with a Deere or Kinze air planter using seed plates from Seed Right. The specially designed plates offer more accuracy with less seed, improving stand while saving money.

“Larry Hak developed the original wheat backing plate for the Kinze brush meter planter,” explains Dallis Gibson. “People wanted similar plates for Deere planters. They give growers more control over spacing and depth.”

Hak, with Gibson and Gibson’s brother Trevor, came up with replacement plates for the Deere vacuum planter and the Kinze EdgeVac planter. What they developed are 2 disks, one with a large channel and the other with a small channel. The only difference between plates for the 2 brands is the center mounts.

“The larger channel plate can handle wheat and larger seeds, as well as mixes with seeds down to radish size,” explains Gibson. “The smaller channel plate is for small seed like crimson clover and radish seed by itself or mixes of small seeds in less poundage.”

The replacement vacuum plates for Deere and Kinze planters simply replace the OEM corn or soybean plates. “The channels pull in more seed for a good ratio of mixes,”

says Gibson. “With wheat, you get a higher population in the 15-in. rows than you would in an 8-in. row drill. A lot of our customers say they get higher yields as a result and fewer problems with disease, perhaps because of more air movement.”

He notes that the original backing plate developed for seeding wheat with a Kinze planter also works great for cover crops of all sizes. It is an aluminum plate with a piece of foam that fits over the existing plate on a Kinze brush meter planter. The foam seals off the seed disc with its individual seed grooves.

“Instead of individual seeds, we get 20 to 30 seeds per cell,” says Gibson. “It works great, even with mixes of 15 or more different cover crops.”

He advises that planting rates may need to be adjusted on the vacuum planters when planting either cover crops or wheat. “We can help figure out rates,” says Gibson. “It’s a good idea to make a strip and see how it looks and adjust accordingly.”

Seed Right is selling the Deere and Kinze replacement plates for \$42 each. The Kinze wheat (cover) plate sells for \$31.

“We sell the plates direct from our website, but we also have several Deere and Kinze dealers that carry the plates,” says



Specially designed seed plates from Seed Right allow you to plant wheat and cover crops with a Deere or Kinze air planter. A large channel plate is shown at left.

Gibson. “We are also working on a licensing agreement with a national distributor.”

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Right, 23453 Werner Rd., Convoy, Ohio 45832 (ph 419 749-4021; dgibson1825@

gmail.com; www.seed-right.com).

Rock Picker Gets Both Big And Small Rocks

Lester Pritchard only picked rocks in his son’s field for 20 min. before he started looking for a better way. When he didn’t find it, he started working on his own design.

“I bought a rock bucket and put a reel on it to flip rocks into the bucket,” says Pritchard, who now sells the rock picker. “It took me 3 1/2 years of trial and error, but I got it. I found out it’s not just a matter of putting a reel on a bucket.”

The problem was getting the taper right on the teeth. When he started, the teeth had a 45-degree taper, which worked about 50 percent of the time. Eventually the taper got down to 28 degrees, and Pritchard also shifted the pivot point of the reel back about 5 in.

Once his son’s neighbors saw how well the skid steer-mounted rock picker worked, they wanted their own. “I figured I was too old to start manufacturing rock pickers,” says Pritchard, now 80. “However, another son suggested I get it patented, and I found someone to make them for us.”

The L.P. Reel Rock Picker weighs 1,220 lbs. It is made from 1/2-in. steel wall tubing, sidewalls and teeth. The reel is a 1 3/4-in. steel shaft mounted on greaseable bearings

and driven by a hydraulic orbit motor and #80 roller chain. A pressure relief system protects the motor.

“We have a grill that can be installed to handle rocks down to 2 in. in diameter,” says Pritchard. “However, you can end up picking up more dirt instead of it falling through the larger grate.”

Pritchard may not do the building, but he does a lot of sales, making deliveries personally in central and northern Minnesota. He also does field demonstrations, showing up with a skid steer, Reel Rock Picker, and even his own rocks. When he makes a delivery, he brings his Bobcat to demonstrate.

Pritchard prices the Reel Rock Picker at \$4,495 in areas where he can sell direct and deliver the units himself. A distributor handles sales in other areas.

“Readers can contact me directly, and if they are outside my area, I’ll give their name to our distributor,” says Pritchard. “If they ask, I’ll be glad to send them a copy of a 3 1/2-min. DVD on how the Picker works.”

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Rock picker’s front-mounted reel flips rocks into bucket. “It gets both big and small rocks,” says inventor Lester Pritchard.