



Chop Rite stalk chopper mounts under New Idea pull-type corn pickers and is belt-driven off the picker gearbox.

Stalk Chopper Mounts On New Idea Corn Picker

There are still plenty of New Idea pull-type corn pickers around. Owners can save time and money by fitting them with the new Chop Rite stalk chopper unit from Miller Machine Shop. It lets you pick corn and chop stalks in one pass. The system is available for both one and two-row pickers.

"The stalk chopping systems mount under the picker and are powered by a belt drive from the picker gearbox," explains Joseph Helmuth, Miller Machine Shop.

The four carrying brackets need to be welded in place. Once the bearings are assembled, the entire unit is hung on the brackets.

"A 50 hp tractor should provide plenty of power for both the picker and chopper," says Helmuth. "It's built for years of dependability with reversible flail knife blades with two edges and powder-coated finish. We designed it so it would be easy to service."

Contact: FARM SHOW Followup, Miller Machine Shop, 2028 Beech Rd., Nappanee, Ind. 46550 (ph 574 773-2900).



New-style 18-ft. auger can reach out 28 ft. in front and 55 ft. from side to side to fill planters and grain drills. Auger folds down within the length and height of most gravity boxes.



"Maximum Reach" Gravity Wagon Auger

"Today's planters and seed drills keep getting bigger, which makes them harder to fill. Our new 18-ft. Maximum Reach auger can reach out 28 ft. in front and 55 ft. from side to side to make the job much easier," says Howard Green, Market Farm Equipment Ltd., Dashwood, Ont.

The 6-in. dia. auger comes with 5-in. cupped plastic flighting, a 3-stage telescoping downspout that extends to 17 ft., a hinged cleanout door, and an electric on/off valve with remote keyfob. The auger hinges in the middle and folds for safe transport and storage.

"As far as I know it's the longest gravity wagon auger on the market," says Green. "The 18-ft. length is made possible because the auger hinges in the middle, allowing for it to store within the length and height of most gravity boxes. Because of the extra

length you don't have to move your gravity wagon as often in order to fill your planter or drill, which maximizes your planting time. Also, there's no worry about catching low wires or other obstacles during transport."

The auger's standard hopper fits gravity wagon door widths up to 38 1/2 in. An optional 60-in. hopper is available for larger door widths. Green says the auger is "priced comparable to most competitive steel augers".

Contact: FARM SHOW Followup, Howard Green Market Farm Equipment Ltd., Rt. 1, Dashwood, Ont., Canada N0M 1N0 (ph 519 238-2301; mfeldt@execulink.com; www.marketfarmequipment.com).

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Pto-Powered Pelletizer Built To Last

After years of selling imported pelletizers, Make Your Own Pellets, LLC is now building its own pto-powered pelletizer with a heavier-duty gearbox that'll stand up to increased pellet-making torque.

"The weakest part of imported mills is the gearbox," says Brian Dingman. "We went to a 5:1 gearbox versus the more common 3:1 design. It will make a world of difference in the amount of power applied, and the quality of the pellet produced."

Dingman explains that the slower the die turns, the longer the material stays in the press and the more compacted it becomes. With his 5:1 worm gearbox, it has the power and torque needed to produce wood pellets from pure sawdust as well as from grass and other sources, even waste paper.

The 445 lb., 9-in. model produces 350 lbs./hr. of pellets from sawdust or up to 900 lbs./hr. of pellets from soft biomass sources. A binder additive is recommended

and available from the company.

According to tests by an independent lab, Juniper tree pellets reached a density of 44.8 lbs. per cu. ft. versus a standard density of 40 lbs./cu. ft., which is what the Pellet Fuels Institute rates as "premium" pellets. At 540 rpm's, the company produced 64 lbs. of dense Juniper pellets in less than 15 min. A 1,000 rpm pto would increase production.

The company now offers 20 or 30 hp, 3-phase electric motor configurations.

The powder-coated mill carries a one-year defective parts warranty. It's priced at \$5,795. Dingman notes that because it's made in North America, there is no tax on it for Canadians as there is for imported mills.

The company offers a detailed publication called "Guide To Making Pellets" that explains how to make wood pellets using pellet mills. You can download it online at www.makeyourownpellets.com/guidebook.



Pto-powered pelletizer has a heavier-duty gearbox that'll stand up to increased pellet-making torque, says the company.

html or order a hard copy by mail. Sells for \$31.95.

Contact: FARM SHOW Followup, Brian Dingman, Make Your Own Pellets, LLC, 18 Charleston Ave., Londonderry, N.H. 03053 (ph 603 490-3483; sales@makeyourownpellets.com; www.makeyourownpellets.com).

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