"Rake & Roll Hitch Kit" lets you rake and bale in one pass. Rake attaches to tractor's front-end loader.

One-Pass Kit Mounts Rake Out Front

With rising fuel prices, George W. Collins, New Albany, Ind., wanted to help farmers lower costs.

That's why he created the Rake & Roll Hitch Kit. It lets you rake and bale round bales simultaneously. "You use half the fuel, half the tractor time, and half the operator time - all of which saves farmers money," says Billy Collins.

Now, they're selling the custom-made kit to fit a tractor's front-end loader.

It includes the mounting bracket and all the pins, clips and wheels needed to mount the rake on front.

Collins says it takes about 15 minutes to attach the rake to the tractor's front end after attaching the kit.

Sells for $7,995.

Contact: FARM SHOW Followup, American Farm Implement Co., Inc., 1436 Old Ford Road, New Albany, Ind. 47150 (ph 270 585-9710; email: wcollins@duo-county.com; website: http://cabincreekfarm.com/rakeandrollhitch/).

"Reverse Gang" Disk Amazes Min-Till Farmer

"It's unbelievable how well it works," says Dave Mussman, Ruskin, Neb., who modified a 30-ft. Ford disk so that it cuts through cornstalks and lightly tills the soil, leaving a protective layer of residue on top.

"I was looking for a new form of tillage and considered using a Phillips harrow or trying some kind of shredder, but that equipment was all very expensive. One day I realized I could try to create something new at almost no risk," Mussman explains.

The disk is equipped with straight coulters on front on 7-in. centers, and angled disk gangs on back. He reversed the coulters on back of the machine, putting the right side coulters on the left side of the machine and the left side coulters on the right side.

"This machine allows me to farm with less equipment. All I use now are a disk, a planter, and a sprayer. I don't even use a chisel plow any more," says Mussman, who uses the disk both on corn and soybean ground.

He bought the disk at a sale for $250. He cut loose all the angled gangs in front and replaced them with the 22-in. straight coulters. He kept the original coulters on back of the disk, just reversing them.

"I came up with the idea because I farm min-till and wanted a better way to work the soil surface, without having to dig deep," says Mussman. "It's unbelievable how well it cuts and then fluffs up the residue and soil surface, especially in bean stubble. The residue won't blow away because it's lightly mixed with the soil. There's nothing else like it out there. I run the disk only about a half inch deep, which is perfect because I put on dry fertilizer and just want to scratch the soil surface. I use Dawn residue wheels on my planter which easily push residue off to the side."

Mussman says the machine is light enough that he can travel fast at about 9 mph and cover up to 32 acres per hour. "The disk pulls so easy I can use my Deere 4020 to pull it when necessary, although at a slower speed."

Total cost to rebuild the machine was only about $2,500.

Contact: FARM SHOW Followup, Dave Mussman, Rt. 1, Box 86, Ruskin, Neb. 68974 (ph 402 226-3221).

Mussman installed a row of straight coulters on front of disk and reversed the angled disk gangs on the back.

Modified disk "chops" stalks and lightly mixes crop residue with top soil.

The Petersons say their 30-in. wide subsoil plow works great for reclaiming peat ground.

Plow Replaces Moldboard With Rollers

The Peterson brothers at Jarvie, Alta. designed and built a 30-in. wide peat subsoil plow that can cut as deep as 7 ft. The unit works best, however, when reclaiming peat ground that is less than 4 ft. deep, according to Don Peterson. The plow brings a deep layer of clay soil to the surface.

Thanks to this unique rig, brothers Wayne, Len, Ervin, and Don, have vastly improved production on the peat areas of their fields that would otherwise freeze.

"Crops germinate later on peat and freeze while crops on other land won't," Don says, adding that if you bring the clay soil up from under the peat, the soil stays warmer and still contains the minerals for a good crop.

The plow uses a series of nine, 8-in. steel rollers with bearings, instead of a moldboard to reduce the resistance of the clay, which is very sticky. These rollers, in combination with a layer of UHMW plastic that's bolted onto the plow shear, ensure that the clay will scour and flow smoothly.

The Petersons use the massive implement to bring up 1 ft. of clay to the surface.

The plow requires at least 400 hp of pulling capacity. Depth is controlled by a telescoping square tube with a hydraulic cylinder inside.

To avoid having a huge dead furrow, the plow is used in conjunction with a special dozer on front of the tractor. On the way back down the field, the dozer fills the furrow that was just made on the way up.

"We're very happy with its performance and think it was a worthwhile investment," Don says.

Contact: FARM SHOW Followup, Don Peterson, 10604 – 109 Ave., Westlock, Alta., Canada T7P 1C1 (ph 780 349-7126).

E-Z Creamer Makes Quick Work Of Corn

Shucking and creaming corn is a much easier job with a patented new product called E-Z Creamer from Southern Dimensions, Douglas, Georgia.

This simple, time-saving device is designed to be powered by a reversible drill at 1,800 rpm's or greater. There's also a cutting board and husking tube that makes it easy to shuck the corn before creaming. The entire unit is made from plastic and stainless steel, so it won't rust.

The cutting board consists of a knife that leverages itself against a wingnut threaded upside down on a bolt. It works like a paper cutter to chop off the ends of the cob.

Then you stick the large end of the cob onto a "cob screw" inserted into the drill chuck.

To shuck and de-silk the cob, you stick it into a pvc tube with brushes inside and turn on the drill. The husks come off and drop into a bucket.

Once the cob is clean, you insert the ear in the top tube and turn it in a clockwise direction until the corn is creamed into your waiting container – one or two times in and out of the tube is sufficient.

This top tube has spring-loaded stainless steel cutter teeth, so it creams any sized ear of corn.

To remove the cob, put the drill motor in reverse and unscrew it from the cob. Then you're ready for the next one!

"It usually takes 7 to 10 seconds to do one ear," says Bennett.

The unit sells for $49.95 plus shipping.

Cutting board and husking tube makes it easy to shuck the corn before creaming. Entire unit is made from plastic and stainless steel so it won't rust.

Once cob is screwed onto drill, husks and silk are removed by husking tube (at bottom in photo) and then the corn is "creamed" as shown in photo.

Contact: FARM SHOW Followup, Southern Dimensions Group Corp., P.O. Box 708, Douglas, Ga. 31534 (ph 888 507-8517; email: sdimensions@charter.net; website: www.ezcreamer.com).