



Wheel-drive kit gets drive chains up and out of the trash and dirt, and eliminates the need for drive chain disconnects.

## Wheel-Drive Kit For Older Deere Planters

Years of working on repairing and replacing planter clutches on 7000 and 7200 series John Deere planters prompted Bob Jamison of Colo, Iowa to design some things different.

While the standard drive clutch slips into and out of gear when the planter is raised and lowered, clutch slips can leave a field looking like it has been check planted. Today most planters are going to a wheel drive. And that's what Jamison decided to put on his planter. It gets drive chains up and out of the trash and dirt, and eliminates the clutch and any need for drive chain disconnects.

"The wheel drive I designed mounts above the transport wheel," he says. "When the planter lowers to the ground, the transport wheel comes up against the drive wheel. It eliminates the chains that wind around the sprocket on the transport wheel hub."

Jamison's drive wheel is held in place by a bracket mounted to the existing frame with two U-bolts. A down pressure spring ensures wheel to wheel contact. A chain running from the drive wheel hub to the planter drive bar provides power.

Wheel to wheel drive also meant direction would be reversed on any drive connected to the second wheel. Jamison solved the problem by welding an idler sprocket to the



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bracket assembly, rerouting the chain and reversing direction again.

"I built the first one for myself; then a neighbor saw it and had to have one. He told others," relates Jamison. "I started building them and sold 27 in the first two years. A \$1,200 kit includes everything needed. Just put the brackets on with the U-bolts, hook up the chain and the springs, and it's ready for the field."

Contact: FARM SHOW Follow-up, Bob Jamison, Jamison Ag Repair, 68664 260<sup>th</sup> Street, Colo, Iowa 50056 (ph 641 377-2627).

## 12-Row Stackable Toolbar

After working on John Deere planters for 15 years, repair specialist Bob Jamison has a couple of better ideas for planter design. One is a new stackable 12-row, 15-in. planter.

Whether off the shelf or direct from Deere or other companies, skip row planters for 15-in. beans never seem to get under a 21-ft. width. This makes it tricky going down most roads or hauling the planter from field to field. Jamison's idea was to stack his units in transport to achieve a 15-ft. width.

Jamison started from scratch, building a frame from 7 by 7-in. steel tubing. The frame actually consists of three sets of two pieces of tubing separated by a gap of 8-in. The center set is 15 ft. wide, and each wing set is 7.5 ft wide. Two sets of parallel arms mounted on brass bushings raise the O-rings up over the center toolbar. A 5-in. cylinder on each side provides the lifting power. The lift arms are made from heavy 6 by 4 and 6 by 3-in. sq. tubing.

"Planter units are never tipped so you don't have to worry about spilling seed," explains Jamison. "Most stackables if not all, are 3 pt. hitch units, but my personal preference was for a pull type."

Contact: FARM SHOW Followup, Bob



Stackable 12-row, 15-in. planter has a transport width of only 15 ft.



Frame is built from 7 by 7-in. steel tubing. A 5-in. cylinder on each side provides the lifting power.

Jamison, Jamison Ag Repair, 68664 260<sup>th</sup> Street, Colo, Iowa 50056 (ph 641 377-2627).



Wooden platform slips on over lip of bucket, more than doubling its carrying capacity.

## Simple Add-On Platform For Loader Buckets

"I use my utility tractor for all kinds of work. This add-on platform is an easy way to get it to do a lot more," says Cliff Lawson, an engineer who lives on rural acreage near Ferryville, Wis.

He made a platform that simply slips on over the lip of his loader bucket, more than doubling the carrying capacity. He primarily uses the platform to handle cord wood but says there are lots of jobs where it comes in handy.

It consists of a piece of plywood just a bit narrower than the loader bucket. He cut up steel T-posts to make mounting brackets that slip onto the bucket. Two long posts bolt to the bottom of the board. They extend under the bucket when the platform is in place. Two shorter pieces on top of the board extend 4 to 5 in. into the bucket. The top posts are mounted to the board with spacers so the lip of the bucket can slip under the posts.

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Lawson cut up steel T-posts to make mounting brackets that slip onto bucket.



He uses the platform primarily to handle cordwood.



Rig's handlebars pivot back and forth to allow front or rear-mounted attachments.

## Gear-Drive Walk-Behind "Tractors"

If you're looking for a versatile power unit to work a large garden or small acreage, take a look at the Italian-made BCS walk-behind tractors available from Beaver Valley Supply Co., Inc. Atwood, Kansas.

BCS tractors feature handlebars that pivot back and forth to allow front or rear-mounted attachments. The tractors feature a shaft drive rather than belts as on most similar machines.

The smaller 710 model comes with a 5 hp Briggs & Stratton engine. Attachments include front-mounted sickle bar mowers, a conventional mower deck, or a rear-mounted tiller. Tires are 3.5 x 8 in. with tractor tread.

With tiller, the 710 sells for \$1,100. The 30-in. sicklebar attachment sells for \$699.

The larger 720 model has a 7 or 8 hp engine. Attachments include: 40 or 45-in. sicklebar mower; 22-in. rotary lawn mower; 24 or 28-in. snow thrower; 40-in. sweeper; chipper shredder; 20 or 26-in. tiller; and a hiller/furrower. With a tiller it sells for \$2,000. The 45-in. sickle bar attachment sells for \$799.

Contact: FARM SHOW Followup, Beaver Valley Supply Co., Inc., East Highway 36, Box 479, Atwood, Kansas 67730 (ph 785 626-3251).