



Compactor wheels provide enough down pressure to lift front end of tractor.

### PROVIDES SMOOTH SURFACE BEHIND TRACTOR FOR SEEDING AND TILLAGE

## Compactor Wheels Level Ground Beneath Tractor

"They let you work at an even depth behind big tractors," says the manufacturer of new front-mounted compactor wheels that level the ground beneath the tractor between compacted tracks of tractor tires.

The wheels mount on a frame that attaches to most 2 and 4-WD tractors. By leveling out the ground behind the tractor, the company says you prevent dirt build-up in tillage equipment and seed at a more even depth across the width of the tractor's travel path.

Down pressure of the compactor wheels can be adjusted hydraulically. They'll apply enough pressure to raise the front end of the tractor off the ground. Wheels can be linked to the tractor's steering system.

Compactor wheels are available in 5 to 6-ft. working widths.

For more information, contact: FARM SHOW Followup, P.J. Parmiter & Sons, Ltd., Station Works, Tisbury, Wiltshire, England.

### BUILT TO SCALE, KIDS USE THEM FOR "CHORES" AROUND THE FARM

## "Pint Size" Combine, Tractor Really Work

David O'Brien, Harvard, Ill., spent "countless" hours planning and building a "pint size" Deere 7720 combine for his kids.

The built-to-scale project was the second of its kind for O'Brien who has also built a Deere 8850 4-WD tractor to scale. Both projects were built from the ground up and both can be driven around the farmyard just like the real thing.

The mini combine, powered by a 4-hp. Briggs & Stratton pull-start engine, features variable ground speed, throttle, brake, a centrifugal clutch, movable unloading auger, a grain platform that raises and lowers, variable speed reel that turns via ground drive when the platform is down, a drive differential, and tilt wheel steering for operator comfort. It's got a top speed of 5 to 6 mph but can be speeded up for parades by changing sprockets.

O'Brien fabricated the body of the combine from sheet metal working to 1/4 to 1/5 scale of a full-size 7720. Once finished, he painted the machine "John Deere green" and applied Deere equipment decals.

O'Brien's mini tractor was also built from the ground up with brakes and a tow hitch for pulling wagons and other things around the farmyard. It features front and rear duals, articulating steering, oscillating differentials, fenders, hitch, "sound guard" cab, lights, clutch, brake throttle, chrome stack, seating space for two, and a Briggs & Stratton engine. Like the mini combine, it also features tilt steering.

For more information, contact: FARM SHOW Followup, David O'Brien, 2004 Island Road, Harvard, Ill. 60033 (ph 815 943-5076).

### HELPS DETECT PROBLEMS BEFORE YOU GET BACK IN THE FIELD

## Finger-Pickup Test Stand For Deere Planters

You might want to tell your Deere dealer or local mechanic about this new finger pickup test stand built by Jackson-Lee-Pearson, Inc., a large Deere dealer in Flora, Ind.

"We needed a way to quickly test finger pickup units. It worked so well for us we decided to offer it to other dealers," says company representative Lynn Hufford.

You simply clamp each finger unit onto the test stand and run a sample of seed through it. A driveshaft runs the planter at a speed that simulates a field speed of 6 1/2 mph at a plant population of about 26,000 seeds per acre, a setting that simply acts as a benchmark for testing. A Deere planter monitor, mounted on the test stand, reads out the actual performance of the pickup unit.

"The test stand helps detect bad belts, worn plates, worn brushes, sticky fingers, worn finger holders, weak or damaged springs and units that might be out of adjustment. You save money by not replacing parts that don't need it and you don't have to wait till you get back out in the field next spring to see if a problem has been fixed," points out Hufford, noting that with the test stand he can always assure customers their planter will be within 500 to 1,000 seeds accuracy.



Deere finger pickup unit quickly clamps to test stand for elevation.

Jackson-Lee-Pearson, Inc., charges farmers \$9.00 per unit to test, parts extra. They've been using the test stand in their own shop for 4 years.

For more information, contact: FARM SHOW Followup, Jackson-Lee-Pearson, Inc., P.O. Box 27, Flora, Ind. 46929 (ph 219 967-4164).



O'Brien's son Zachary rides his mini-tractor alongside a real 7720.



Mini-tractor features front and rear duals, and articulated steering.