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LETS YOU ADJUST SIEVES ON-THE-GO WITH HAND CRANK

Remote Control Kit For Combine Cleaning Sieves

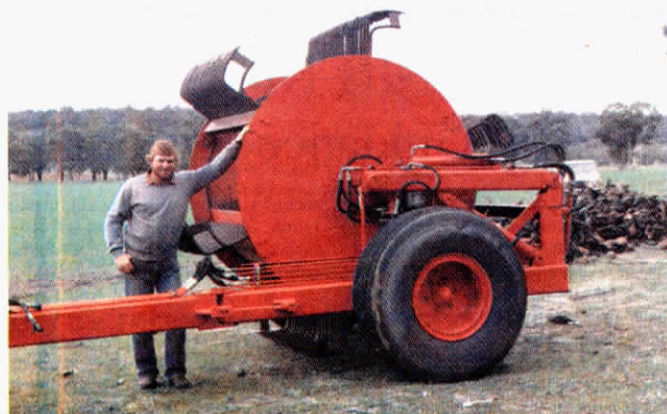
You can adjust the bottom cleaning sieve in your combine from the cab with a new add-on remote control kit invented by Canadian farmer Harlan Bestland, Brunkild, Manitoba.

The kit consists of a bracket that mounts on either side of the sieve control levers. A threaded rod, that runs between the brackets, fastens to the control levers and is turned by a remote hand-crank that can be mounted in the cab or anywhere on the combine for easy access. Ordinary hydraulic hose runs from the hand crank to the control bracket. Bestland says hydraulic hose can be threaded throughout the machine and will turn the sieve adjustment screw without distortion.

He notes that the control kit lets you

change sieve air flow in seconds when moving between fields with varying amounts of residue, or when changing crops. You can preset "stops" on the adjusting screw to know exactly what angle you're setting the sieves at each time. Or, you can use the adjustment to fine-tune the setting on the go. "Lots of guys don't adjust sieves when they should because it takes so much time. This makes it easy," says Bestland, who's found a manufacturer to produce the kit. It sells for \$130 (Canadian).

For more information, contact: FARM SHOW Followup, Roblin Welding & Repair, Box 1399, Roblin, Manitoba Canada (ph 204 937-4633 or 736-4207).



Curved steel tines sift through soil to pick both roots and rocks.

Rotary Rock Picker

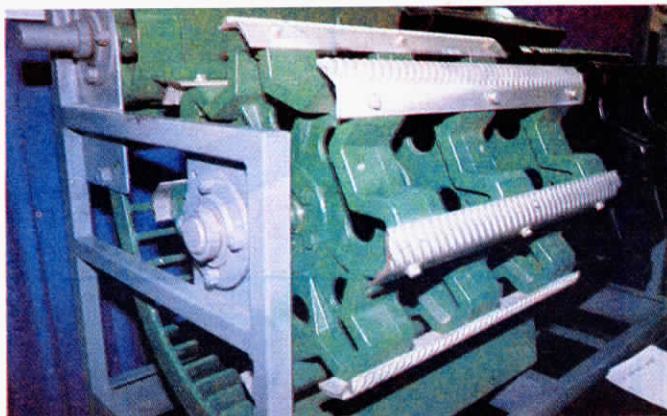
Australian farmer Stuart Tohl built this rotary rock picker that sifts through soil to pick both rocks and roots.

The picker consists of a 2 1/2-ton capacity circular bin equipped with sets of steel tines mounted on a rotating frame. The curved tines scoop through the dirt, carrying rocks up into the bin and then drop down the back end of the machine for another load. Once the bin is full, it lifts

hydraulically and then rotates to dump its load.

Tohl, who's used the machine to clear nearly 1,000 acres of new land, says the picker is unique because it'll work its way through plowed ground.

For more information, contact: FARM SHOW Followup, Stuart Tohl, C/O Post Office, Kojonup, West Australia 6395 Australia.



Heavy cast-iron wheels replace original light-built metal "spider" wheels.

"High Performance" Combine Cylinders

"It's like mounting a flywheel on the cylinder. You get more consistent rpm's at slower speeds with less slugging. Saves 20 to 30% on fuel consumption while boosting capacity," says Mel Stovel, inventor and manufacturer of new high-performance cleaning cylinders for combines that replace original lighter-gauge metal "spider" wheels with heavy, 100-lb. cast iron wheels.

Stovel uses the heavy wheels to rebuild the cylinder around the original shaft. Each spider wheel, about 2 in. wide, is individually keyed and clamped to the shaft. Original rasp bars mount normally to the wheels. On a Deere 7720, installation of the heavier wheels increases total weight of the cylinder by 500 lbs. since each new wheel weighs 100 lbs. and the original wheels each weigh from 14 to 22 lbs., depending on the configuration.

"Because you get more consistent engine rpms with the smoother-running, heavier cylinder, you also get more constant air flow through the shoe so chaff and other residue doesn't get a chance to settle back down on top of grain the way it normally does when the cylinder momentarily plugs up or works its way through a slug of heavier material. The heavier cylinder also results in less maintenance because it runs smoother, and there's less distortion of rasp bars due to the sturdier mounts," Stovel points out.

The cylinder kit works in all crops and it's made to fit all Deere, White and conventional IH combines. A kit to fit a Deere 7700 sells for \$2,310 (Canadian).

For more information, contact: FARM SHOW Followup, Mel Stovel Enterprises, Box 142, Foremost, Alberta, TOK OXO Canada (ph 403 867-2456 or 328-0361)



Extenders add 8 in. of cleaning surface to sieves.

Combine Sieve Extenders Save 10-15% More Grain

"They'll save 10 to 15% more grain per acre," says Gary Porter, manufacturer of new sieve extenders for combines that add an extra 8 in. of cleaning surface to standard combine sieves.

The bolt-on extenders simply attach to the rear of the sieves across the entire width of the machine, spaced by 6 "fish-back" separators that help flip crop material over.

To this point, Porter has only mounted the extenders on Deere combines but he says he's looking at other models. "Sieves on Deere combines were not built long enough at the factory. Combines built by

Deere in the past year or so have been fitted with longer sieves that don't need an extender," he notes.

Stan Bothman and his son Mike, who farm near Rosalia, Wash., outfitted their 6620 Deere with Porter's extenders and told FARM SHOW they paid for themselves in the first field.

Installation requires only minor drilling to bolt the extenders to existing sieves. Extenders sell for \$365.

For more information, contact: FARM SHOW Followup, Porta Products & Machine Co., Box 157, Rosalia, Wash. 99170 (ph 509 523-3451 or 3745).