



Link repowered this IH 806 gas tractor with the same Cummins diesel engine used in new Case-IH Maxxum tractors.

REWORKED 700 AND 800-SERIES TRACTORS HAVE 100 PTO HORSEPOWER

Dealer Repowers IH Tractors With Diesel

A Case-IH dealer in Wisconsin says he expects to do brisk business repowering 700 and 800 Series IH gas tractors with Cummins diesel engines.

Roger Link of Link Implement, Ridgeland, Wis., says his dealership has come up with a kit to repower 706, 806, 756, 826, 856, and 766 gas tractors with 6B-5.9 Cummins diesels. That's the same engine used in new Case-IH Maxxum tractors.

"We make an adapter plate to fit the engine to the IH bell housing and we modify the flywheel to adapt to the Cummins crankshaft so the IH clutch and starter can be used. The front motor mounts are made from angle iron and bolt to the IH frame rails. We also modify the throttle linkage and wiring to fit," says Link.

Pto horsepower on the repowered tractors increases from 93 to 100 and Link says fuel usage should be cut to about half due to the fuel efficiency of the Cummins engine.

Link says he got the idea for the conversion after seeing a conversion kit for old Oliver gas tractors. "I figure these are much better tractors and you can pick them up cheap all over the country. After you take out the 'tired' gas engine, it runs as good as new," says Link, who plans to sell the fabricated parts for the conversion for \$500 to \$700.

For more information, contact: FARM SHOW Followup, Roger Link, Link Implement, Ridgeland, Wis. 54763 (ph 715 949-1795).

HEAVY-BUILT UNIT MOUNTS ON 3-PT.

"Swap Shank" Toolbar Ditches, Rips, Lays Cable

"Farmers all over the country are telling us it's the handiest new tool they've seen in years," says Gerry Henry, inventor and manufacturer of the new Ag-Tech 3-pt. toolbar that features interchangeable shanks.

The Ag-Tech toolbar consists of a heavy-duty A-frame that fits Cat. I & II 3-pt. Large hardened steel pins - with big-looped handles for easy pull-out - hold any of a number of tools in place, including a line layer, cable puller, ripper (can be used to cut roots), ditcher, sod cutter, parabolic ripper, and cultivator.

Henry says he's had tremendous interest in the line layer which lets farmers lay electrical lines, telephone lines, and other cables at depths from 14 to 24 in. using small to medium-size tractors. "It's a relatively inexpensive piece of equipment that lets you wire up all the buildings on the farm at minimal expense," he notes.

The line layer consists of a straight shank with a protective chute on back. Lets you direct-feed electrical line without the need to pull them through the ground. Attachments International also makes a cable puller

which is ideal for pulling in shallow water lines or extra heavy cables.

The deep ripper shank is ideal for breaking up hardpan on small fields or for large gardens or nurseries or on construction sites. It can also be used to prune roots on hedge rows to stop encroachment into farm fields.

Two widths of ditchers are available. "They work great for quick ditching of wet fields," notes Henry.

Shanks are available in sizes that work from 14 to 24 in. deep, depending on tractor size. An entire package consisting of the 3-pt. toolbar and all 8 tools sells for \$1,100. The price for the toolbar and one attachment averages \$500 to \$550.

For more information, contact: FARM SHOW Followup, Attachments International, Inc., Rt. 2, Box 444, Pelican Rapids, Minn. 56572 (ph 218 863-6444; fax 218 863-6446).

Large hardened steel pins - with big-looped handles for easy pull-out - hold tools in place, including a line layer, cable puller, ripper, ditcher, sod cutter, parabolic ripper, and cultivator.



Both augers are powered by electric motors, one mounted on a portable 2-wheel cart and the other mounted directly on top of one auger.

TWO 8-IN. AUGERS CLAMPED TOGETHER

Double Auger Fills Holding Bins Fast

Gary Gentz couldn't use a dump pit to unload corn at his grain dryer because he lives near a lake and the water table is too high. At the same time, he didn't want to tie up a 100 hp tractor running a high capacity auger. The Lakefield, Minn., farmer solved the problem by clamping two 8-in. dia. augers together and driving them with electric motors.

The augers load newly harvested grain into a 10-in. dia. "cross auger" that distributes grain to holding bins next to the dryer.

One of the 8-in. augers is driven by a pto shaft powered by a 10 hp electric motor mounted on a portable 2-wheel cart parked next to the augers. A big pulley salvaged from an old stalk chopper gears the motor down so the pto shaft runs at 540 rpm's.

The other auger is powered by a 10 hp electric motor that mounts directly on top of the auger and is also geared down by pulley.

"The double augers let me unload 500 bu. in less than 15 min.," says Gentz, who first put the augers together six years ago. "The two 8-in. dia. augers work so fast that the 10-in. cross auger can't keep up with them even when it's speeded up. I have to regulate corn coming out of the truck.

"If I need to I can run either auger by itself. Electricity is supplied by 220-volt lines off the continuous flow dryer.

"The two augers are heavy and very hard



Augers load grain into "cross auger" that distributes grain to holding bins.

to raise or lower by hand so I use an orbit motor to chain-drive the hand crank. I put windows made from 3/8-in. plexiglass in the side of both holding bins so that I can see how full they are."

Contact: FARM SHOW Followup, Gary Gentz, RR 1, Box 154, Lakefield, Minn. 56150 (ph 507 662-5521).

