



The unique tractor's cab lowers to the ground.

TAKES "CROOKED NECK" OUT OF ROW CROP WORK

"Tractor Of The Future" Has An Extendable Cab

"The ultimate in driver comfort and convenience," might be the future advertising slogan for a newly patented tractor that was designed in Sweden but has yet to be introduced to the market.

Unlike any tractor in the world, the new tractor features a cab mounted on an extendable arm that moves from the center of the tractor to the side, front or rear when doing fieldwork. The design means the operator can move around to find the best possible viewing position without craning his neck.

According to patent documents, the fact that tractor operators must continually twist in their seats to see ahead and behind causes a number of injuries, particularly to the spine.

The documents also say that 25% of tractor accidents occur as operators step into or out of their cabs and that the problem is growing worse as tractors get bigger. Both problems are solved with the extendable cab since, as proposed, it lowers to the ground so the operator can step out of it at ground level.

The tractor also features a sub-frame between the front and rear wheels on each side that's equipped with hydraulic-driven tracks designed to add extra power and lessen compaction.

For more details, contact: FARM SHOW Followup, Peter O. Broberg, Hamngatan 4, S-261 31 Landskrona, Sweden.

GIVES EARLY IH ROTARIES THE EFFICIENCY OF LATER MODELS

Header Update Kit For Axial Flow Combines

If you own an IH axial flow 1440, 1460 or 1480 combine made between the years 1977 and 1980, you'll want to take a close look at a new header update kit being introduced by the Jameson Corp., Tipton, Iowa.

The automatic electric-hydraulic header control kit updates the mechanical header control system on early IH models to a micro switch system similar to what International itself now installs on its current models, according to Jameson representative Chuck Kofron.

"Farmers with older models find the header doesn't respond quick enough, and ends up either digging into the ground or missing low-lying beans in the field. The new switches

on our kit respond instantly to the sensing fingers on the cutterbar. A solenoid-operated control valve is activated by the switches to operate the hydraulic lift cylinders on the header for fast, accurate control," says Kofron.

The refit kit eliminates the hard-to-adjust accumulator and the three shut-off valves on the IH system. The only adjustments are two cams which activate the limit switches.

"Once you've set the sensitivity you can forget the system, regardless of temperature, humidity or soil conditions. It'll stay wherever you set it," says Kofron.

Another advantage of installing the control system is that, when using



Chopper pickup is mounted directly to the combine's feederhouse. The conversion saved Hekrdle about \$3,400.

WORKS GREAT AND HE SAVED \$3,400

Deere Chopper Pickup Adapted To Combine

When Dale Hekrdle, Stanton, Neb., traded to a Deere 6620 combine in 1981 he would have had to spend more than \$4,000 for a windrow pickup and dummy head to combine the more than 100 acres of windrowed oats he combines every year. Instead, he decided to "build" his own.

He started with a 5-ft. windrow pickup from a Deere 38 chopper and some 3-in. angle iron. "I mounted the pickup directly to the feederhouse on the 6620. I reversed the drive sprocket on the pickup shaft so that it's on the left, outer side of the head and mounted a new, longer shaft that puts it in line with the combine shaft. Since the feederhouse on the 20 series combine is reversible and variable speed, this drive works well, connected by chain to the pickup shaft. Backing out a plug-up, or changing pickup speed, is easy from the cab.

"I added two rubber flaps to the feeder auger so that it's like a corn head auger and helps material feed into the feederhouse. The head can

easily be put back on the chopper whenever needed," says Hekrdle.

He says he's used the modified head for the past two seasons on windrowed oats with no problems. Total investment, including the used chopper head, was only about \$600.

"It takes some getting used to in that you can't see the finger pickups from the cab but you can always see the crop going into the feederhouse because the head is set slightly ahead of the combine throat," says Hekrdle.

"The hardest part was building the channel iron mounting frame on the combine. I had to avoid a gap and mount it high enough so the auger throws the material down to the feederhouse." As designed, Hekrdle can mount the head on the combine in minutes with just 4 pins.

He says the John Deere combine was probably the easiest to figure out but that the chopper idea should work on other combines, too.

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adaptor kits for mounting different heads on your combine, it readily adapts to the new header. "Until now, if you put a Deere row crop head on your IH combine, you had to sacrifice automatic height control," Kofron points out.

The kit can be installed in two hours or less by dealer or farmer. Three connections are made with the hydraulic system, two with existing hoses and one with a third hose that's provided with the kit.

The update kit to fit IH headers sells for \$776. A second kit to fit Deere row crop headers, which have their own cam switch assembly, sells for \$709. The kits will be available through IH dealers.

For more information, contact: FARM SHOW Followup, Jameson Corporation, P.O. Box 389, 515 W. South St., Tipton, Iowa 52772 (ph 319 886-2195).