

INSIDE PIPE CLAMPS TO POST

New Post Driver Also "Pounds" Posts Out

First-of-its-kind post pounder also drives steel fence posts up and out of the ground thanks to an inside steel pipe that clamps to the post.

Doug Bruce, Bosworth, Mo., developed the "Bruce-Up" for his own use. It worked so well he's started manufacturing and selling them.

To drive a post it works much like other hand-held post drivers. You slip it over the post and use both hands to raise and lower the driver. When you want to pull a post, you tighten the clamp attached to the inside pipe and then drive the post out of the ground by pounding the driver upward against the inside pipe.

"It eliminates the need for a bar and chain or pry bar. Works fast and easy in any ground. Saves a lot of time," says Bruce, noting that his new post driver is no bigger than regular post drivers.

Sells for \$75.



When you want to pull a post, tighten clamp on inside post.

For more information, contact: FARM SHOW Followup, Doug Bruce, Bruce Enterprises, Rt. 1, Box 44, Bosworth, Mo. 64623 (ph 816 534-7491).

REWORKS EXISTING DOOR SO IT CATCHES ROCKS

Rock Trap Kit For Gleaner Combines

If you harvest grain with a Gleaner combine on rocky ground, you'll be interested in this new rock trap kit that converts the existing rock door into a trap that actually holds onto the rocks.

Farmer and machine shop operator Tom Wheeler explains that unlike IH, Deere and Massey combines, which all have traps, Gleaner combines have a latched door that's designed to open up when the cylinder throws rocks against it. It then drops rocks onto the ground. Then the operator stops the combine to shut the door.

"The problem is that it takes a great deal of force to open the door. When it doesn't open, the rock causes damage to the concave and cylinder. On N-Series machines, rocks can also bend slats at the rear of the feeder chain and tear up helical bars," says Wheeler.

His kit simply converts the existing door into a rock trap that works like those on other combines. It consists of new latches that hold the door about 1/3 of the way open and sealing strips that close up the opening

that's created. Lightweight crop material moves over the trap but rocks fall down into it. You never have to stop to close the door. Once a day or so, depending on how rocky the ground is, you stop and open the door all the way to dump the rocks.

"We've operated one combine for 5 years with a modified door with no problems and we've sold kits to local farmers. So far everyone's been pleased," says Wheeler, noting that one added benefit of the kit when installed on an N-Series machine is that it stops grain leakage at either end of the door, which has been a problem with that model.

Takes about 30 min. to install the kit on L and M Series combines (no modification required - sells for \$98) and a little longer to install the kit on N-Series machines (some modification required and a bit of tack welding - sells for \$140). Wheeler is working on a kit for new R-Series machines.

For more information, contact: FARM SHOW Followup, Wheeler Welding, HCR2, Box 18, Ray, N. Dak. 58849 (ph 701 568-3204).

RUN BY MECHANICAL LINKAGE TO BUCKET

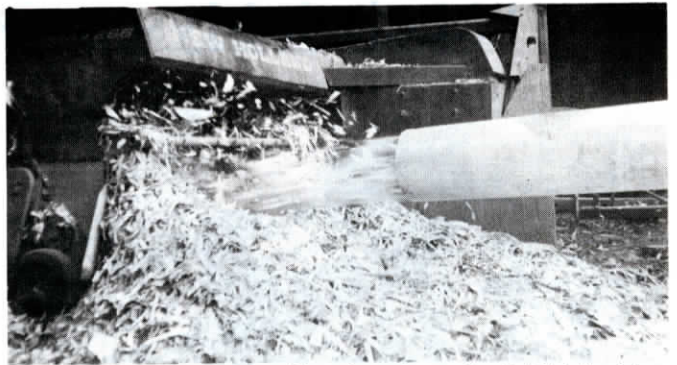
"No Hydraulics" Grapple

A Texas farmer who wasn't happy with conventional hydraulic-operated grapple forks has come up with a new design that's operated by a mechanical linkage to the bucket.

Keith Lamb, who farms near Gruver, says his bucket could be built and sold "for about the cost of the hydraulics needed to run most conventional grapple forks. It bolts to the lip of the bucket and is anchored to the arms of the loader. When you tip the bucket down, the grapple opens up. When you tilt the bucket back up, the grapple closes. It's very efficient and works well

whether the bucket is raised all the way up or at ground level," says Lamb.

The grapple can be adapted to any loader with hydraulic tilt. It works great for hauling round bales but, unlike conventional forks, Lamb says it doesn't get in the way of using the loader for other jobs. When the bucket is level and running at ground level, the grapple clears the ground by 2 ft. so there's plenty of clearance for scooping dirt or manure. However, by simply pulling a pin you can fold the forks back against the loader arms so they're completely out of the way. Or you can remove the entire grapple



Discharge pipe from forage chopper blows chopped paper directly into baler pickup.

FORAGE CHOPPER BLOWS CHOPPED PAPER DIRECTLY INTO BALER

Easy Way To Make Your Own Paper Bedding

Turning newspapers into bedding doesn't require an expensive new machine. Pennsylvania farmer Allen Leinbach simply reworked an old Fox chopper so that it blows paper directly into a Deere baler for baling.

"Newspaper makes outstanding bedding material because it's more absorbent than straw and other materials. Keeps animals much cleaner. It's also much easier to handle because it dissolves into the moisture, unlike straw. It works a lot like wood shavings but there's no dust and it's much cheaper," says Leinbach, who gets most of his paper free or for a minimal charge from local paper recyclers.

To make his paper chopper, Leinbach removed the head and discharge chute from an old pto-driven Fox chopper and built a wooden shelf over the feed apron. The shelf protects the chains and gives him a place to set bundles of papers as he feeds them into the machine. Then he loosened the hold-down bands on the blower in order to rotate the spout downward so it would blow paper out the side rather than straight up. No modifications are made to the knives.

Leinbach either blows chopped paper directly into pens or he puts a long straight pipe on the end of the blower pipe to blow paper directly onto his baler pickup. He makes no changes to the baler for paper other than shortening up the bales.

In operation, he stacks up bundles of

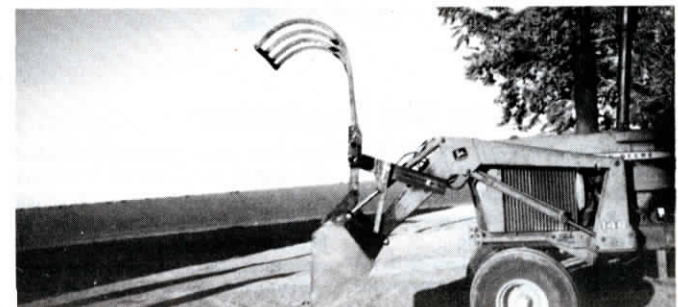


Leinbach built a wooden shelf over feed apron and turned blower pipe down to the side. He feeds papers by hand directly into chopper.

paper on the wood platform and feeds them in by hand. He notes that it's important not to feed in too large a bundle because it could ruin the pto clutch or the harvester. Knife wear is minimal with paper, although they should be kept sharp.

Leinbach says the chopper chews bales into both small and large pieces. "Some people don't like having the bigger pieces in there but I've found that they work fine. I've used papers for bedding for 2 years and now that's all I use in calf hutches, box pens, heifer pens, and cow stalls. Calves and cows stay much cleaner with paper. It's the best bedding you can find."

Contact: FARM SHOW Followup, Allen H. Leinbach, Rt. 2, Box 351, Myerstown, Penn. 17067 (ph 717 949-3847).



When you tip bucket down, grapple opens up. No extra hydraulics required.

assembly in about 5 min.

"There's nothing else like it on the market," says Lamb, who's applied for a patent on the new bucket forks. He's prepared to build the grapple for sale but would like to find a manufacturer to take over production.

He's already made units for neighbors. They sell for \$750 to \$1,000, depending on bucket size.

For more information, contact: FARM SHOW Followup, Keith Lamb, Box 340, Gruver, Tex. 79040 (ph 806 733-2893).