



Twin cutterbars making up the V-shaped saw are almost 13 ft. long. Mounted on a D-7, it'll clear an acre an hour and will saw trees up to 7 ft. or more in dia.

MAKES IT POSSIBLE TO GRUB OUT BIG TREES WITH SMALL EQUIPMENT

Giant Saw Reduces Land Clearing Costs

"It will cut trees off at or below ground level for 1/3 the cost of pushing them over, and leave the area looking like a golf course," says Ralph Dove, Green Ridge, Mo., inventor of a new giant-size "chain-saw" tree and brush cutter that bolts to dozer blades or tractor loaders.

"Farmers follow right behind me, working the land with offset discs and planting it. This system is much faster and cheaper than just pushing trees over with big equipment, which not only is costly but requires that you come back to level the ground and clear off rocks and debris that surfaces with roots," explains Dove.

His giant-size saw is the result of his search of a way to grub out big trees with small equipment. By equipping his smaller dozer with the special saw, he can easily bring down trees up to 7 1/2 ft. or more in dia.

He's now building the saws in three sizes: Model HR1000 fits D-5 or equal size caterpillars, HR2000 fits the D-6 and the 3000 fits the D-7. Overall length of the largest model is 12 ft., 8 in.; width is 9 ft., 6 in. Gross weight is 2,850 lbs. All models are available with an optional trailer for hauling the saw from site to site.

Although designed to mount on dozer blades, the saws easily fit tractor loaders. Most tractors, though, are not equipped to handle the danger of falling trees.

There are from 88 to 104 teeth on the three available blade saws. Each tooth, about 1 in. thick and hard surfaced, is removed by driving out a roll pin, and you can replace all of them in about an hour. Dove says the self-sharpening teeth, which cost about \$5 each, have to be replaced or resurfaced once a year in normal soil, and about every 40 acres if run heavily through rock.



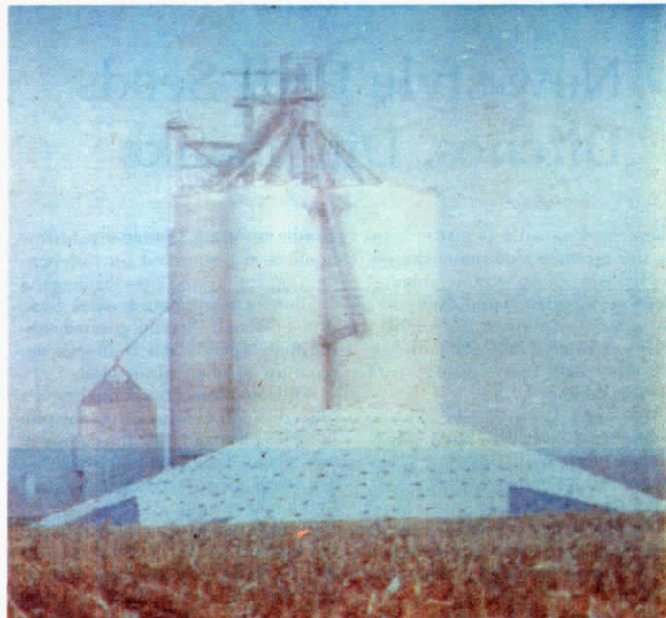
Giant saw will cut through a 24 in. dia. tree in about 4 min., leaving cleared ground completely flat with no holes to level or fill, or stirred up rocks to bury.

To cut a tree, you place the tip of the blade against the trunk and drive forward, letting the angle of the "V" cut into the wood. "You can cut through a 24 in. dia. tree in 4 to 5 minutes," says Dove, whose saw is mounted on a D-5. "I can clear 3 acres of wooded land in 8 to 10 hours. With the larger saw on a D-7, you can clear about an acre an hour, and it'll all be flat to the ground, with no holes."

Just two large bolts hold the saw-clamps in place and one man can mount or detach it in 5 min.

Prices on the three models range from \$3800 to \$5000.

For more information, contact: FARM SHOW Followup, Ralph Dove, Hav-Roc Manufacturing, Rt. 2, Box 43, Green Ridge, Mo. 65332 (ph. 816 527-3780).



Patented system of covering grain piled on ground generally involves piles of 100,000 bu. or larger. Cover is guaranteed to stay in place if company installs it.

COVER FOR BIG PILES GUARANTEED TO STAY IN PLACE; KEEP OUT MOISTURE

New Way To Store Grain

A new, patented way of covering large piles of grain for "2 to 10 cents a bushel" is guaranteed to stay in place, and to keep out moisture.

Developed by Paul Double, owner of Canamer Leasing Services, Winona, Minn., it's designed for covering big piles — usually in the neighborhood of 100,000 bushels — and has caught on fast with commercial elevators. There is virtually no limit on maximum size of the piles since the cover can be made as large as needed to cover. The practical minimum size for having a pile custom-covered, with the company's own crew doing the work, is right at 26,000 bu.

If a bumper crop will have you scrambling for storage space this fall but you don't have enough grain to meet this suggested minimum requirement, you could possibly get together with a few neighbors to pool grain into one big pile which could then be custom-covered using the system developed by Double. Another possibility for a smaller pile is to order the materials from Double and, following his directions, cover it yourself.

For larger jobs, Double prefers that he or his representatives be involved in the project right from the start, particularly if the job requires laying a new asphalt base. The covering system involves several fabrics, depending on desired length of storage, and a system of cables and tires for holding the cover in place. Double's patent covers construction materials and the way his system retains keep-

ing quality of the stored grain.

When Double and his crew erect the temporary storage, the company guarantees that the cover will stay in place. "We only guarantee to keep moisture out. The condition of the grain depends on how it is handled. You have to use good common sense, just like you would in permanent storage. We don't like to cover grain that has been extensively rained or snowed on."

Double will provide information on aeration and ventilation but prefers that customers buy aeration equipment on their own direct from companies specializing in this type of equipment.

"We haven't covered any silage piles. However, I see no reason why our covering system wouldn't work since we can easily shut it off so no air gets into the pile," he told FARM SHOW.

By selecting the type of material used, Double can regulate how long the cover will last. In most cases, piles are covered for only a few months before the cover is taken off and either thrown away or reused, again depending on the type of material. By selecting a material with a long life span, Double feels that a pile, using his system, could feasibly be covered for up to 15 years or more.

For more information, contact: FARM SHOW Followup, Paul Double, Canamer Leasing Services, Box 38, Winona, Minn. 55987 (ph. 507 452-1700).