

## LEAVES HOLE ONLY AS BIG AS ROCK

# "Stone Roller" Rolls Big Rocks Out Of Ground

"People can't believe the way it rolls big rocks right up out of the ground, leaving a hole only as big as the rock itself," says Roland Brouzes of Brouzes Welding who's come up with a new "stone roller" for tractor 3-pts. that extracts big rocks by rolling them up and out rather than digging them out of the ground with a dozer or other type of rock digger. It also works great to dig out stumps.

The Stone Roller consists of two rear-slanting 4-ft. prongs of solid steel - 1 1/2 by 8-in. - that are pointed on the lower end. The prongs are spaced 12-in. apart.

To extract a big rock that's sunk deep in the ground, you back up to it at about half throttle, lowering the prongs into the ground when you're still 6 to 8 ft. from the rock. As you continue back, the prongs sink deeper into the ground, down to about 28 in. when they come up against the side of the rock. As they hit the rock, you throttle up and begin to raise the 3-pt. as you continue to move in reverse. The slanted, uplifting prongs start the rock rotating and it rolls itself up and out of the ground. Weight automatically transfers to the rear wheels for added traction and power.

"Sometimes you have to jockey around the rock to find the right side to get a hold. Once you do, you can't believe how easy it rolls rocks out," says Brouzes, who's handled rocks 4 to 5 ft. in dia. with the 3-pt. rig.

He says he got the idea for the roller by remembering back when he was a kid picking rocks. "When we had a rock too big to



New 3-pt. roller extracts big rocks by rolling them up and out rather than digging them out of ground.

lift, we rolled it onto the stone boat. Rolling requires less power than lifting."

The heavy-built solid-steel rock roller weighs 430 lbs. He's been selling them locally for two years. Brouzes says many farmers who had been using dozers to extract big rocks especially like the fact that the roller leaves minimal mess. Early purchasers also discovered that the roller works great for extracting stumps, used in the same way it's used on rocks.

Sells for \$650. Brouzes is looking for dealers.

For more information, contact: FARM SHOW Followup, Roland Brouzes, Brouzes Welding, Box 6, Notre Dame, Manitoba R0G 1M0 Canada (ph 204 248-2037 or 2333).



Unit's 30-in. wide blades are spaced 12 in. apart to shatter soil compaction zone.

## TWO MACHINES IN ONE

# New "Terra Tender" Rips And Chisels

The new "Terra Tender" from Remlinger Mfg., Kalida, Ohio, is a ripper and chisel combined into one machine.

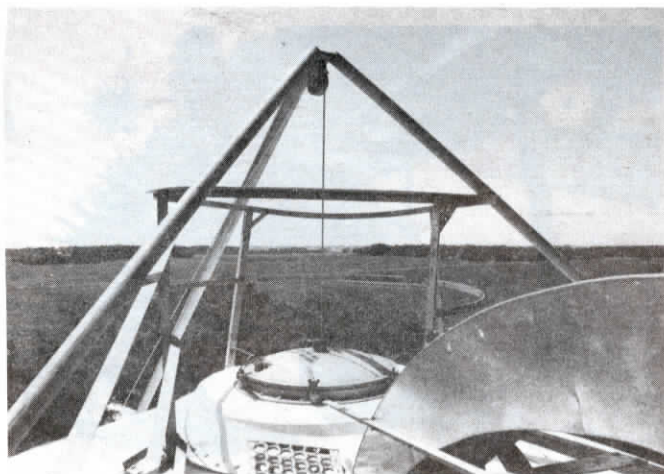
"It works effectively at chisel plow depth, giving you one machine for both moderate and deep tillage operations," the manufacturer points out.

Designed to go directly into standing stubble or stalks, the Terra Tender is equipped with 30 in. wide blades, spaced 12 in. apart. They physically shatter the com-

paction zone in all types of soil and moisture conditions.

"Conventional rippers rely on ideal conditions to shatter the compaction zone. The Terra Tender, thanks to its wide shovels and their narrow spacing, can shatter effectively even in high moisture conditions," says the manufacturer. "It physically cuts 71% of the soil profile. Most other machines on the market cut less than 40%."

The shanks are adjustable for both depth



Tripod installed at top of silo is used to raise and lower new top unloader.

## URNS THEM INTO TOP UNLOADERS

# Conversion Kit For Bottom-Unload Silos

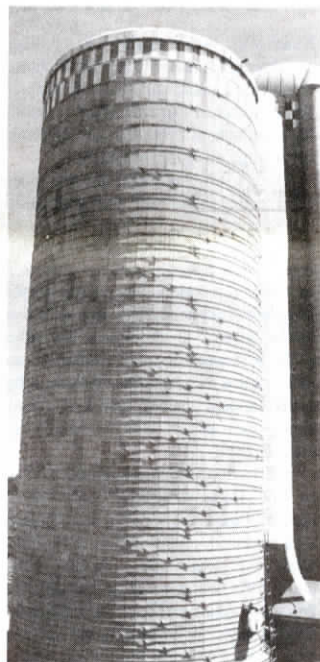
A Midwestern silo company that started converting Harvestore Silos into "regular" top-unloaders several years ago has come up with a new conversion package for bottom-unload stave silos.

"We can convert an oxygen-limiting stave silo to top-unloading for less than the cost of replacing a bottom unloader," says Lyle Knutson of Hanson Silo Co., Lake Lillian, Minn. "Converting stave silos requires more engineering than converting a Harvestore because of concerns about structural integrity. Now that we've started making conversions, we've had a tremendous amount of interest from farmers who've had trouble with oxygen-limiting structures or simply want to get away from the expense of bottom unloaders."

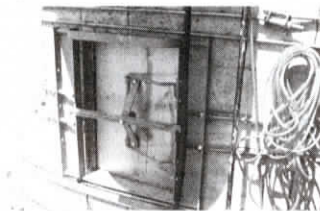
As they do when converting Harvestores, a Hanson crew installs unloading doors and a chute up the side of the silo. They use a regular Hanson silo setup with 45-in. spacing between doors, simply cutting out staves to insert door frames. The trickiest part of the job is loosening the hoops and then repositioning them around the new doors so that the silo doesn't lose any of its support.

Hanson recently converted a Madison silo, installing an electric winch and tripod on top of the silo to raise and lower the new top unloader. "The farmer was ecstatic with the conversion because he was able to do away with the troublesome bottom unloader. His only other option had been to tear the silo down. There's no sign of weakening at all on the converted silo. Works just like the conventional top-unload silo standing next to it," says Knutson.

For more information, contact: FARM SHOW Followup, Hanson Silo Co., 11587 County Rd. 8 SE, Lake Lillian, Minn. 56253 (ph 612 664-4171).



Unloading doors and chute are installed up side of converted silo (left).



Staves are cut out to insert door frames.

and pitch, allowing you to decide for yourself how much trash to leave on the soil surface. At the standard angle, you get maximum suction, soil lift and movement. At the passive angle, the machine pulls easier, leaving more trash and doing less ridging.

An exclusive vertical lift raises tubular

steel frame evenly for transport clearance.

Retail cost for 3, 4 and 5 shank models is \$13,500, \$14,700 and \$16,000, respectively. Requires right at 50 hp per shank.

For more information, contact: FARM SHOW Followup, Remlinger Mfg., PO Box 299, Kalida, Ohio 45853 (ph 1 800 537-7370, or 419 532-3647).