



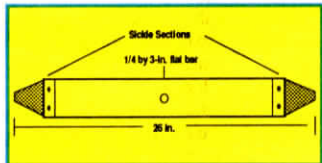
Tractor-pulled mower deck is fitted with heavy caster wheels mounted on brackets that make it easy to adjust height.

"WE'VE USED IT FOR 10 YEARS WITH NO PROBLEMS"

Mower Fitted With Sickle Section Blades

"We've mowed our 3-acre farm yard with it for 10 years with no problems. Does a beautiful job and it's inexpensive to replace blades when needed," says Ken Craven, Byars, Okla., about his home-built tractor-pulled mower deck that uses a unique cutting blade fitted with sickle sections on either end.

"At the time we built it, it cost us \$1,200 less than a similar size commercial mower deck made out of aluminum or sheet metal. We feel ours is much better because it's



made out of 3/16-in. plate steel and is fitted with heavy casters wheels mounted on brackets that make it easy to adjust height.

"We used a belt pulley gear box from an 8N Ford tractor as a right angle gearbox and used bearing hubs from an old Wheelhorse mower deck to mount the three blades. The 4 pulleys for the gearbox and hubs came off a junked combine and we got the drive belt from a New Holland 469 Haybine.

"Blades are 2 ft. long and made out of 3-in. wide, 1/4-in. thick flat bar steel with standard mower sickle sections riveted to each end. These inexpensive blades also work great on conventional mowers. A friend of ours used the idea on a Sears riding mower. We replace the sickle sections once a year unless we hit a rock or something.

"Other than sickle sections, we've only replaced one idler pulley and 2 belts in 10 years."

Contact: FARM SHOW Followup, Ken Craven, Rt. 1, Box 43, Byars, Okla. 74831 (ph 405 469-4326).



Plastic "bowl" is screwed into sidewalls.

Indestructible Hog Feeder

You can convert a worn-out tire into an indestructible hog feeder by inserting a "bowl" made from recycled plastic into the center of it and screwing it to the sidewalls.

Bowls sell for \$10. They fit 15-in. tires. Contact: FARM SHOW Followup, EZ Hutch, 8800 St. Rt. 274, Kettlersville, Ohio 45336 (ph 513 693-8691).



Trencher pulls through the ground like a plow to create smooth, 24-in. deep V-shaped trench.

WORKS AT SPEEDS OF MORE THAN 50 TO 100 FT. PER HOUR

High-Speed Trencher For Loaders, Backhoes

"We just introduced our new trencher last January and we've already had tremendous interest from all over the world in all kinds of industries. Everyone says they've never seen anything like it," says Stuart Jefferson, inventor and manufacturer of a new non-powered high-speed trencher that's designed to clamp onto a backhoe, loader bucket, or dozer blade.

It creates a smooth, 24-in. deep V-shaped trench at a rate of 50 to 100 ft. per minute or more, depending on soil conditions. It pulls through the ground like a plow with soil flowing up to either side.

The trencher has been in development since 1985 when Jefferson was offered \$5,000 by a building contractor if he could cut an 800-ft. long, 2-ft. deep V-shaped ditch alongside an office building to solve a drainage problem. That's when he came up with the simple design for his ditcher. Using a prototype, he dug the ditch in 25 min. and saved the contractor thousands of dollars over the cost of bringing in conventional construction equipment.

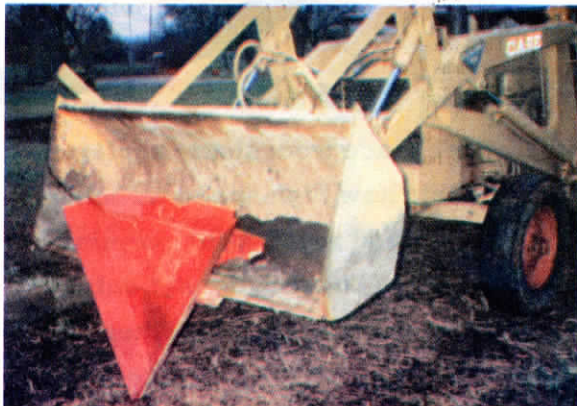
Jefferson spent the next seven years refining the design and testing it in soils all over the U.S. The body of his trencher is built out of the highest quality 5/16-in. steel with hard-surfaced cutting edges "made out of the hardest steel available that you can still weld," he says, adding that "It's built heavier than any loader bucket or backhoe bucket on the market."

It'll work right through rocks (up to 6 in. dia.), roots (up to 3 in. dia.) and standing water. "It's great for making quick drainage ditches in flooded fields, light tiling, ditch cleaning, laying irrigation pipe, cable laying (with attachment), and many other chores," says Jefferson, adding that the scooped-out front of the ditcher lets it also be used like a small bucket when working close to buildings, etc.

"Every angle on the trencher was designed to provide smooth, high-speed performance under conditions ranging from abrasive sandy soils to the stickiest clays," says Jefferson.

The trencher, which sells for \$1,595, weighs 225 lbs. and is designed for use on 60 hp. tractors and up. He's working on other sizes as well as a 3-pt. mounted model. A Kevlar load transfer sling is available for backhoe use which prevents reverse pressure on the machine's hydraulic system. It fastens between the bucket and the base of the boom. When used on a backhoe, you work in reverse. When used on a loader bucket or dozer blade, you drive forward. Jefferson notes that maximum working depth when mounted on a front-end loader is 18 in.

For more information, contact: FARM SHOW Followup, Jefferson Trencher, 9207 Ox Road, Lorton, Va. 22079 (ph 703 690-1730; fax 703 690-3643).



Trencher also mounts on tractor front-end loader or dozer blade.

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