



“Feed bucket carrier” is bolted to mower deck and looks like a short ladder tilted backward. It holds up to three 5-gal. buckets.



## Push Mower Converted To Handy Feed Cart

“It’s nothing fancy or complicated, but it lets us feed our show calves without making as many trips,” says Billy Meier, Poteau, Okla., who used an old push mower to make a handy “feed bucket carrier”. It holds up to three 5-gal. buckets.

He stripped the engine and removed the blades from the deck. He used 1 by 2-in. tubing to make a frame that looks like a short ladder tilted backward. The buckets set between the ladder’s side rails, with the bottom bucket resting on the deck and the other 2 on rungs. The side rails are welded to a pair of steel plates that bolt to the deck using existing engine mounting holes. A pair of

angled metal braces on back provide support.

“I built it for my wife, who uses it to feed our show calves in outdoor feed pens with 4-ft. wide alleys,” says Meier. “It’s balanced good, but just to be safe she keeps the heaviest buckets at the bottom so the cart doesn’t get top heavy. The mower’s big rear wheels help keep it going right through mud. I used the mower’s adjustable wheels to jack up the deck as high as it would go.”

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Cal Miner built this 2-wheeled “mini plow” so a friend could install underground invisible dog fencing around his 3-acre yard.

## “Mini Plow” Works Great To Install Invisible Fence

Cal Miner, Willmar, Minn., built a 2-wheeled “mini plow” to install underground “invisible” dog fence for a friend who wanted to make a 1-in. deep cut all the way around his 3-acre yard. The fence wire rides on a spool above the plow and feeds down through a steel shoe. He can pull it with a garden tractor.

“We could have done a short distance with an edger or shovel, but running 2,000 ft. of wire was another matter,” says Miner. “I patterned it after larger plows used by utility companies to bury electrical lines.”

The plow rides on a pair of push mower wheels with their axles welded to a 2-ft. long, 4-in. I-beam that sets about 3 in. off the ground. A 4-in. dia. coupler is located in front of the shoe, and was made by removing the flanges from the hub off a wheelbarrow wheel rim and then grinding the hub to a sharp edge.

Miner used 1/4-in. thick sheet metal to make the shoe and bolted it to a metal bracket welded on back of the I-beam. Wire feeds down between two 1/8-in. thick metal plates behind the tooth. The plates are held together by a cotter pin near the tooth’s back edge that keeps wire feeding into the shoe. He used a wire welder to widen the tooth in order to



Fence wire mounts on spool above plow and feeds down through steel shoe.

accommodate the wire. The shoe has depth holes on its leading edge that are used to vary trench depth.

“It does a nice job and makes a trench just big enough for the wire, which only goes about 2 to 3 in. deep,” says Miner. “The operator drives at about walking speed. One advantage is that it’s small enough to avoid ripping the yard apart.

“The hardest part is getting the coupler to start cutting through the sod. The plow works best with a 100-lb. weight placed on the I-beam, or with someone standing on it to hold the coupler down in the ground for the first few feet.”

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Alfred Jeffery converted a Harbor Freight 3-pt. hitch to hook up to the bucket mount on his tractor’s front-end loader.

## Quick-Tach Front And Rear 3-Pt. Hitch

Alfred Jeffery found a way to hook up 3-pt. implements fast, front and back. On the back end, he upgraded existing 3-pt. arms. For the front end, he built a quick-attach frame to go on his front-end loader arms.

“I welded a steel plate to the 3-pt. arms on the rear with a mouth on the top side to catch the pins,” says Jeffery. “I just back under the implement pins and lift up.”

Once the pins are seated, Jeffery drops keeper bars over both pins and locks them in place. The keeper bars pivot on a bolt ahead of the pin mouth and “pin” through a hole on the extensions.

Tired of looking over his shoulders when

operating 3-pt. equipment, he decided to use his front-end loader arms for mounts.

“I bought a 3-pt. hitch from Harbor Freight and converted it to connect to the loader like the loader bucket does,” says Jeffery.

The Harbor Freight 3-pt. already had quick-attach hooks for the pins on the implements. Jeffery added a tip plate and base plates. He can tip his loader’s bucket mount into the 3-pt. hitch, lock it in place and work his 3-pt. attachments off the loader arms.

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Home-built offset hitch lets Denis Bergschneider pull a modified push mower with his Pug ATV to trim steep pond banks.

## Side-Mount Mower Trims Steep Pond Bank

“I got tired of using a weedeater to control weeds and tall grass on the banks of my farm pond, so I built an offset hitch for my Pug ATV that hooks up to a modified push mower. Saves a lot of time and is easy on my back,” says Denis Bergschneider, Urich, Mo.

The hitch consists of a 2-in. dia. galvanized pipe that bolts to the ATV’s front bumper, and to a metal bracket that supports a 13-in. caster wheel on front of the mower. Bergschneider cut the pipe at a 45 degree angle in 2 places and then welded it back together, inserting a bushing and a bolt to form a pivot point that lets the hitch swivel up or down.

He removed the mower’s front wheels and also cut away the front part of the deck, allowing it to do a better job of cutting tall grass and weeds. The pto universal joint off an Allis Chalmers round baler is attached to the bracket, allowing the deck to swivel to follow the contour of the bank. A metal tube attached to the universal joint fits into a 1 1/4-in. receiver hitch that’s bolted to the deck.

“It works smooth and saves at least 2 hrs. compared to using a weed eater,” says Bergschneider. “I use it with a 15-year old Sears Craftsman 6 1/2 hp, 21-in. cut mower that has never failed to start. The mower’s front wheels originally sat 2 in. inside the deck. By removing them I’m able to cut a wider area. I replaced the mower’s rear wheels with 10-in. solid tires to make the mower pull easier.”

The caster wheel bolts onto a flat steel plate that Bergschneider welded to the hitch. He also ran a metal brace diagonally through the floor of the ATV to reinforce the hitch.

“When I’m done mowing, I pull a pin from the receiver hitch on the deck and fold the hitch up against the ATV. Or I can remove the hitch from the ATV by pulling 2 bolts,” notes Bergschneider.

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