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## Tractor-Mounted Saw Makes Pruning Easy

To use the limb saw from the LimbSaw Company, you attach a receiver hitch to the front-end loader of a tractor or skid steer, slip the 86-lb., 20-in. saw into place, attach hydraulic hoses, and you're ready to go.

"The LimbSaw is a commercial grade chainsaw on an extended arm," says Cecily Casey, The LimbSaw Company. "It's an affordable option for any municipality or farmers who have a lot of property to clean up."

The LimbSaw is hydraulically-powered. All that is required is a tractor or skid steer with at least 7 gpm flow auxiliary hydraulics and a loader bucket. Kits are available for smaller tractors with less flow.

The receiver can be bolted or welded to the loader bucket. Casey recommends attaching the receiver bracket to the top rear of the bucket. This gives the LimbSaw its maximum reach of up to 21 ft.

"It trims limbs up to 8-ft. higher than your loader can reach," says Casey.

The saw is equipped with a self-oiling system and a reversible motor that lets the operator back out of a pinched limb.

"It was designed for safety and affordability," says Casey. "It is quieter, safer and easier to use than a handheld chainsaw."

The LimbSaw bar differs from conventional chainsaws in another way. Unlike their laminated bars, its bar is a single piece of hardened alloy steel, laser cut for precision. The extension arm is heavy-duty square tubing, double-walled at the cutting end.

The 20-in. LimbSaw is priced at \$2,299. It is also available with a 16 5/16-in. circular blade for \$2,599. Cutting heads on the two models can be interchanged.

The circular saw operates at 10 gpm, requiring a 15-gpm flow rate from the tractor. It has a built-in bypass to prevent it from turning in reverse.

"The circular saw can cut vertically as well as horizontally and trim branches up to 4 1/2 in. in diameter," says Casey. "It's great for cleaning up fence lines and brushy vegetation."

Contact: FARM SHOW Followup, The LimbSaw Company, 340 N. 84th St., Noble, Okla. 73068 (ph 580-272-3194; www.limsaw.com).

Designed to work with Milwaukee batteries, a charged 2.0 Ah battery can provide more than 500 cycles of the actuator when activated by the internal RF receiver and remote. The receiver and remote have a wireless range of more than 750 ft.



## Seed Box Opener Operated By Remote

Dumping a seed box is fast, safe and easy when it's equipped with the IGSE remote-controlled opener. The redesigned BGO-20 Seed Box Gate Opener is a battery-powered actuator that fits major brands of bulk seed boxes.

"We introduced the original seed box gate opener a few years ago, but the BGO-20 is 60 percent faster and 60 percent lighter," says Woody Cown, Illinois Grain & Seed Equipment (IGSE). "With 15 years in the industry, we saw a need for a product that could safely dump a seed box from a forklift into another seed box or conveyor."

The BGO-20 is fast and easy to position. A spring-loaded latch locks it in place and releases it just as fast. The under-gate latch prevents the unit from falling off, even when the box is shaken.

The \$775 opener weighs just over 8 lbs.

and fits both the Buckhorn and the new Orbis seed boxes. Its custom-made actuator provides 55 lbs. of linear-pull; enough, suggests Cown, for even the most stubborn seed box gate.

Designed to work with Milwaukee batteries, a charged 2.0 Ah battery can provide more than 500 cycles of the actuator when activated by the internal RF receiver and remote. The receiver and remote have a wireless range of more than 750 ft.

"We've had very positive feedback," says Cown. "As one customer told us, 'I used to climb up the mast on the forklift and reach out to open the slide. Now I can sit on the seat and push the button to operate with ease.'"

Contact: FARM SHOW Followup, IGSE, 488 N. State Route 49, Cissna Park, Ill. 60924 (ph 815-457-2979; sales@igse.ag; www.igse.ag).

## Easy-To-Push Root Pruner

University research has shown the benefits of pruning apple tree roots, and Phil Brown Welding (PBW) has made it easier. Their new root pruner can be set at different depths, maintains a consistent cutting depth, and takes less horsepower than root pruning knives.

"Root pruning gained popularity 20 years ago, but people went away from it. Recent research is increasing interest," says Dave Brown, PBW. "At that time, we offered a blade design. Our new rolling disc design pulls easier so you can use a smaller tractor."

Brown notes that there are lots of reasons to prune fruit tree roots. He refers to research at Michigan State University that shows slower growth of over-vigorous trees, increased firmness and storage life of fruit, better color of red varieties, and decreased fruit drop at harvest.

"Root pruning cuts back on growth so there is not as much wood produced, but rather a fuller bloom," says Brown.

The new 3-pt. mounted root pruner from PBW easily adapts to the orchard and its needs. The 30-in. dia., hardened, rolling disc can be set to cut up to 12-in. deep. Adjustable skid plates and the one-way tapered cutting disc let the operator choose and maintain the optimum depth for a block of trees. The skid plate also seals the ground around the cut to



3-pt. mounted root pruner from PBW easily adapts to the orchard and its needs. The 30-in. dia., hardened, rolling disc can be set to cut up to 12-in. deep.

prevent root sprouting.

Available in single and double row designs, the single row model requires only 60 hp. to pull it through the orchard. It's priced at \$4,900. The span between the discs on the double row model can be adjusted from 84 in. to 156 in. It's priced at \$9,650. Shear bolts protect both designs from buried rocks.

Contact: FARM SHOW Followup, Phil Brown Welding Corp., 4750 8 Mile Rd. NW, Conklin, Mich. 49403 (ph 616-784-3046; www.philbrownwelding.com).



Dirt scoop cradle pulling a 1,900-lb. oak log.

## Old Dirt Scoop Used As A Log Skidder

By Jim Ruen, Contributing Editor

When FARM SHOW reader Nathan Gremore sent us a note about how he turned a 3-pt. dirt scoop into a log skidder, it grabbed my attention.

I've wanted a log skidder for years but didn't want to spend the money or take the time to build one. Instead, I settled for dragging logs through the dirt.

I couldn't reach Gremore to get pictures or more information. However, I had a 3-pt. dirt scoop. I pulled it out of storage, where it sat unused for about 5 years.

Gremore's note said he had dropped the scoop and added log tongs to it. I attached the cradle to my Ford 3930 3-pt. and dropped the scoop.

I didn't have log tongs, but I did have a gathering chain. It's just a short length of log chain with a loop at one end and a hook at the other. I hooked a clevis to the top link ears on the back of the cradle and headed into the woods.

A poplar tree had fallen across the road. I cut it into two sections and pushed them together. I passed the hook end of the gathering chain around them and through the loop. After backing over the end of the logs with the cradle, I dropped it down and secured the chain tight to the clevis.

I lifted them up and hauled them home without the usual dirt-covered side, something my chainsaw chain will appreciate when I cut it up. The cradle worked great, but they were light logs. I decided to put the double-duty cradle to the test.

I had a 25-in. dia., 10-ft. oak log that I needed to move. According to a log weight calculator I use, the estimated weight was just under 1,900 lbs.

Backing over one end, I hooked it to the cradle. It lifted fine, and I moved it out of the field. Once again, the log remained dirt free. I was concerned the heavy weight might twist the cradle out of shape but hooking back up to the scoop was no problem.

Using the cradle got me thinking about a short length of 4-in. toolbar with 3-pt. connectors I have. I had moved it to get the dirt scoop out. Would it work as a cheap skidder?

I tried it, and it did. It also got me thinking about mounting a short boom to the toolbar for even more versatility.

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