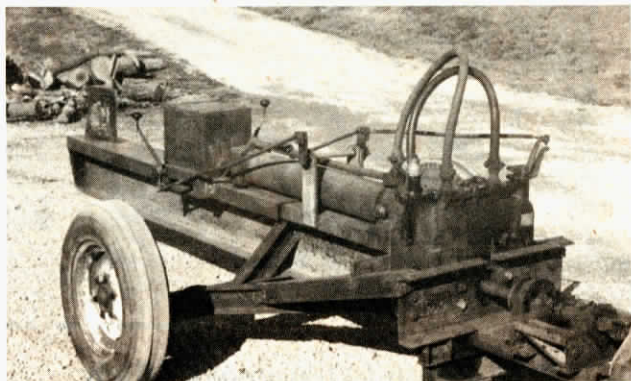


Made It Myself

(Continued from previous page)



Caterpillar Log Splitter

"My neighbor and good friend D.C. Dobson found a good use for parts from an old Caterpillar front-end loader, as well as discarded farm machinery parts from around the neighborhood," says John Stem, Smyrna, Tenn.

"He made a rugged and well-built log splitter using the hydraulic pump, controls and cylinder from the old Cat loader. The splitter is transported on wheels and hubs from an old

silage chopper and is driven by the pto drive from an old manure spreader. He assembled all the parts on a 12-in. "H" beam with scrap channel and angle iron from his scrap pile. He used heavy plate steel to form the wedge and the push box attached to the piston rod on the hydraulic cylinder."

Contact: FARM SHOW Followup, D.C. Dobson, Rt. 1, Box 82, Lake Road, Nolensville, Tenn. 37135 (ph 615 793-6143).



Big Bale Burner

"Using my 403F Vermeer baler, I can bale and haul in enough fuel in two days to last all winter and do it all from the tractor seat," says Albert Smith, Wykoff, Minn. He built himself a big bale burner that heats his 24 by 36-ft. shop and will, if things go according to plans, also heat his house.

The bale burner has a 4½-ft. square firebox, surrounded by 6-in. of insulation with an air pocket between the two.

Smith loads the smaller-sized 350-lb. bales into the firebox with his tractor loader. He says

cornstalk bales will burn as long as 2 to 4 days, depending on outside temperatures. He can also burn wood and other fuels in the burner.

The shop thermostat activates the draft blower on the door to send heat into the building. Smith notes that the bale burner burns very clean and doesn't produce much smoke. He plans to run ductwork to the house so he can heat both it and the shop at the same time.

Contact: FARM SHOW Followup, Albert Smith, Rt. 1, Box 141, Wykoff, Minn. 55990.



35-Ton Wood Splitter

"It'll cut railroad ties crosswise," says Dennis Koep about the wood splitter he built out of scrap parts on his Sauk Rapids, Minn., farm.

"We started with an old car rear end and welded a 90 by 6 by 6½-in. "H" beam to it," says Koep. "On top of that we mounted a good used 6-in. dia. by 30-in. stroke Caterpillar dozer cylinder with a 3-in. dia. ram.

"The front pusher is 10-in. wide, cut from junk angle iron 9 by 9 by 7/8 in. thick. We used ½ by 3½-in. guide plates bolted to the pusher with 8¾-in. bolts.

"The 16-in. high splitter wedge is a piece of scraper cutting edge sharpened razor sharp at a 15° angle. We reinforced the wedge and travel area of the beam with 4 in. I-beam.

"The splitter control valve is mounted upside down on the return port of the cylinder. We purchased a new 11 gal. per minute 2-stage pump and a new high pressure hose. We borrowed the 5 hp. engine from a garden tiller and mounted it so we could easily take it off and use it on the tiller again in the spring.

"The splitter generates about 35 tons of force to split lengthwise or crosswise. The larger ram makes it fast-acting, too. Similar size splitters on the market sell for over \$4,000 while our cost was approximately \$450."

Contact: FARM SHOW Followup, Dennis Koep, 620 4th Ave. N., Sauk Rapids, Minn. 56379 (ph 612 251-2030).



Buzz Saw/Wood Splitter Combo

Merland Clark, of Elgin, Neb., built a hydraulic-powered combination buzz saw and log splitter that's self-powered and pulls down the road behind his tractor or pickup.

"A 14 hp Briggs and Stratton engine powers a 10 gpm hydraulic pump. A selector valve is used to divert oil flow to the saw or splitter. The saw is controlled by a free-wheeling valve and a variable speed valve. The splitter uses a 4 by 24-in. cylin-

der. I made the oil tanks from thin wall 8-in. dia. pipe.

"The unit is convenient because you can leave it hooked up to the pickup and throw the wood into the pickup as you cut and split it."

Clark has begun manufacturing the splitter-saw combo.

For more information, contact: FARM SHOW Followup, Merland Clark, Rt. 2, Box 156, Elgin, Neb. 68636 (ph 402 843-2287).