

**NEW ONE-MAN SAWMILL IS
"PORTABLE AND AFFORDABLE"**

Saw Your Own Lumber, Shingles

You'll like the price tag on the new one-man portable sawmill introduced by Dan Hudon, Sr., Barneveld, N.Y.

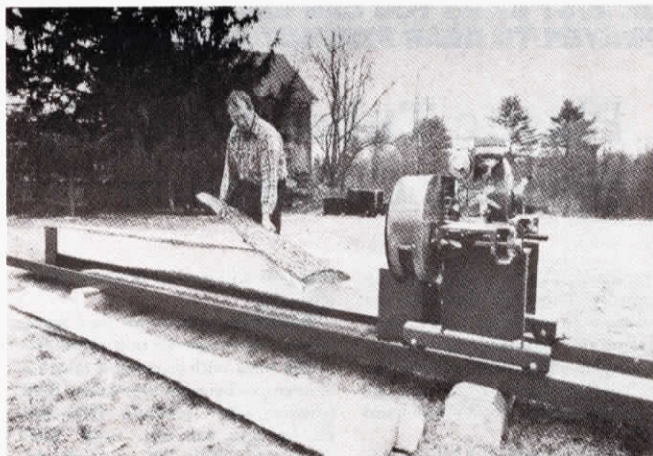
Called the Ross Bandmill, it sells for \$4,450, "That's a lot less than conventional saw mills," says Hudon, "making it possible for farmers and owners of smaller woodlots to justify owning a portable sawmill that does everything the high priced units do. This sawmill will handle logs up to 16 ft., 9 in. with its standard 20 ft. beam, or up to 60 ft. logs by simply building on optional extension beams in 20, 24, 30 or 42 ft. sections. One man using this outfit can saw his own lumber, shingles, clapboards, or whatever — even pieces as short as 1 ft.," says Hudon. He's national distributor of the Ross Bandsaw which is manufactured by W. K. Ross, West Hampstead, New Hampshire.

A Ross Bandsaw with one 1-in. wide

A Ross Bandsaw with one 1-in. wide blade, and two or three teeth per inch, does the sawing. The blade operates horizontally and is powered by a 5 hp Honda engine. "It will operate all day on only two gallons of gasoline," says Hudon.

He notes some Bandmills are being used to shape boards for building boats by raising one end of the log to taper the cut lengthwise, then turning the log slightly each cut to remove bark and outer sapwood. The Bandmill can saw logs up to 17½ in. in dia. However, with a lumber-sawing attachment on a chain saw, you can make a few cuts on the outside of much bigger logs and cut them down to where this saw will cut them easily. "You simply quarter real big logs with the chain saw, then load each section onto the Bandmill for final sawing," explains Hudon.

The sawmill can be moved on a pickup, straight truck, or even a boat



Portable Ross Bandmill will cut about 1,000 board ft. per day.

trailer, and is simple to set up and operate. The main beam is sloped ½ in. in 10 ft. and the saw rolls downhill as it cuts. When each cut is finished, the slab or board is removed, the power-cutting unit rolled back by hand, the band lowered, and another cut made.

Capacity in board feet sawed per day will vary, depending on type of wood, length of logs, moisture content, labor available, thickness and width of lumber being sawed, and

other factors. "About 1,000 board feet per day would be a good average," says Hudon.

The Ross Bandmill comes with one blade on the saw, and 10 extra blades. Blade changing takes only two minutes.

For more information, contact: FARM SHOW Followup, Dan Hudon Sales, Woodcutters Headquarters, R. 12, Barneveld, N.Y. 13304 (ph 315 896-2217).



For about one-fourth the cost of a self-propelled swather, Arlen Foster adapted a Versatile header to his turned-around tractor.

"Turned Around" Tractor Self-Propels His Swather

Arlen Foster of Fulton, S.D., wanted the convenience of a self-propelled swather, but he didn't want the high price tag. So, with a few adaptations to his 4430 Deere tractor, he built his own.

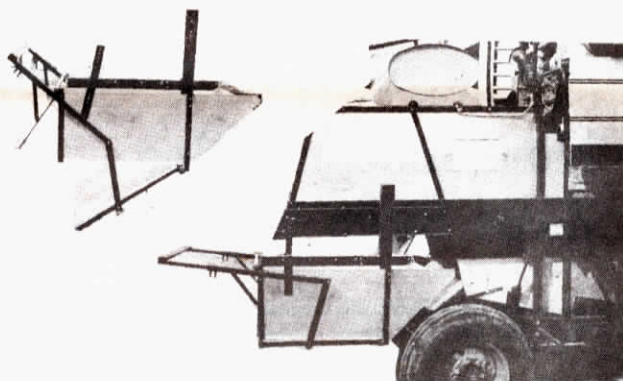
Essentially, Foster "turned" the tractor around so the rear becomes the front. An offset model 2400 Versatile swather header provides a 24 ft. cutting table. The tractor's pto powers the sickle while the reel and canvases are hydraulically driven.

Foster reversed the seat with special homemade brackets so he could see out the back of the cab. He tied the steering line and put in an extra valve so he could steer the tractor in reverse. An extra steering wheel in the cab is mounted in front of the turned-around seat. Mechanical linkages for the clutch and brakes permit normal operation of these con-

trols with hand-operated levers.

The 4430 has a Quad-Range transmission which permits the wide variety of reverse speeds he needs while cutting hay or grain. Since both sides of the drive gears in the transmission are hard-surfaced, there is no overheating or excessive wear problems with constant operation in reverse. Foster cautions that this could be a problem with other brands of tractors.

Cost for the Versatile header and all adaptations was under \$5,000, according to Foster. "I get all the advantages of a self-propelled swather for 1/3 to 1/4 the cost," he notes. "I've used it on 1,000 acres of hay and grain in two seasons with good results. The only problem I've had is getting through some of my gates, but I can usually squeeze through."



Ben Dickson's Feed Saver dumps automatically when full, then resets automatically.

AUTOMATICALLY DUMPS STRAW, CHAFF INTO SMALL STACKS

Feed Saver Fits Most Combines

A new feed-saver attachment for combines deposits straw and chaff into small stacks right behind the combine for later cleanup.

Ben Dickson, Yuma, Colo., says his patented, automatic feed saver box fits the back of most combines and comes in 4 by 4 ft. and 4 by 5 ft. sizes. The bottom of the box is balanced by weights and dumps when enough residue is in the box to overcome the weights.

Dickson says the stacks are just the

right size for grazing cattle, or for baling. The weight is adjustable to make different size stacks.

Dickson has used the feed saver when combining wheat, barley, oats, milo, millet, corn and beans. The 4 by 4 ft. model sells for \$280, and the 4 by 5 ft. for \$300.

For more information, contact: FARM SHOW Followup, Ben Dickson, Jr., P.O. Box 124, Yuma, Colo. 80759 (ph 303 848-2152).