

Large rake wheels turn and move windrow to dry ground before it's picked up and fluffed by companion tedder.

## PERFORMS THREE HAYING OPERATIONS

# "Haymachine" Reduces Drying Time Up To 50%

"It'll reduce hay drying time up to 50% under ideal conditions," says H and S Mfg., Marshfield, Wis., of its new "Haymachine."®

According to Lauri Heikenen, president, the first-of-its-kind machine (patent pending) performs three different haying operations:

1. It turns windrowed hay over onto dry ground, and lifts and fluffs the windrow to speed drying
2. It will rake swaths up to 8 ft. wide into a 3 ft. or 4 ft. windrow;
3. It will rake sickle-mowed hay into windrows, and fluff the windrow, in one pass.

"Basically, what we did in creating this new-style machine to speed haymaking and boost hay quality was to equip our company's existing 7-ft. wide tedder with a triple set of large rake wheels. They speed drying by turning and moving the windrow over to dry ground before it's picked up and fluffed by the companion tedder," according to Heikenen, who speculates that, under ideal conditions, a farmer using the new "Haymachine" to speed drying time can mow or windrow

the standing crop and then be able to chop or bale a day or more early.

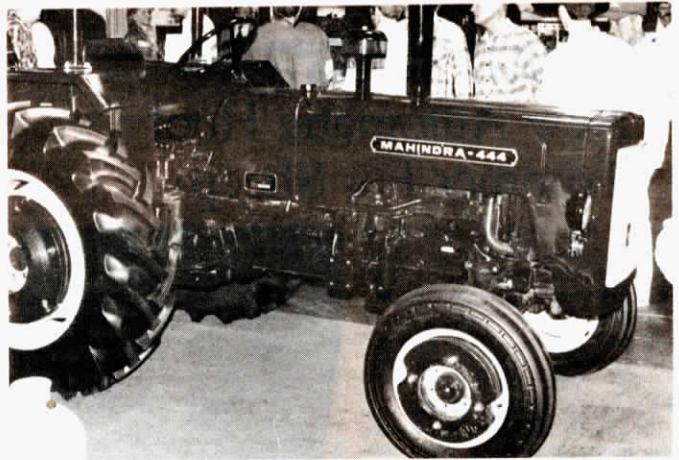
The three large rake wheels are ground driven and turn clockwise. A hand-crank screw adjusts their operating height. A single hydraulic cylinder, operated from the tractor seat, raises and lowers them in unison when making turns in the field.

Operating width of the pto-driven tedder, which also rotates clockwise, is 7 ft. Its overall width is 11 ft., 6 in. The four-bar tedder reel is equipped with 56 rubber-mounted teeth which can be adjusted to operate at eight different angles. Tedding action is also governed by ground travel speed and operating speed of the pto, Heikenen points out.

For road transport, the hitch swings in and the rake attachment raises into an upright position.

Suggested retail price of the new "Haymachine" is \$2,650.

For more information, contact: FARM SHOW Followup, H and S Mfg., 2608 S. Hume Ave., P.O. Box 768, Marshfield, Wis. 54449 (ph 715 387-3414).



"They're built extremely heavy throughout and have all the major features found on original IH tractor models," says the importer of Mahindra tractors.

**THEY'RE A REAL BARGAIN AT 40% LESS THAN SIMILAR SIZE COMPETING MODELS**

## "Made In India" Tractor Is Really An Old IH

It didn't take long for showgoers at the recent National Farm Machinery Show in Louisville, Kent., to figure out that the "made in India" tractors on exhibit there - sold under the name Mahindra - were really just old-style International Harvester models.

According to importer Chuck Wilkerson, who's setting up a nationwide dealer network for the low-priced tractor, Mahindra made tractors for IH in India right up to the time IH was bought out by Case. Once the merger occurred, the smaller models in the IH line were no longer required. Mahindra decided to market the models in the U.S. and Canada under its own name.

Three models are available at 35, 45 and 50 hp. They correspond, respectively, to IH models B-275, 444, and 544. All parts are 100% inter-changeable with IH parts. In fact, Mahindra still makes the

replacement parts for those IH models for Case/IH.

"Many farmers are surprised to discover the tractors they thought were made in the U.S. or England were actually made in India. Sometimes the parts were made there and assembled here," says Wilkerson. "The tractors generally sell for about 40% less than similar size competing models." The 35 hp. model sells for \$7,500, the 45 hp. for \$7,700, and the 50 hp. for \$8,200.

"They don't make tractors like these any more. They're built extremely heavy throughout with all the features found on the original IH tractor models," Wilkerson told FARM SHOW.

For more information, contact: FARM SHOW Followup, Mahindra Equipment Corp., 1416 East North Belt, Suite 160, Houston, Tex. 77032 (713 449-5700).

**HANDLES BRANCHES UP TO 4 IN. IN DIA.**

## Forage Chopper Makes A Great Brush Chipper

When Jack Hoffman decided he needed a brush chipper for his wintertime tree-trimming business, he found out there wasn't a good pto-powered model available and he couldn't justify the cost of a special-built commercial model. "Then I got to thinking how easily brush goes through a forage chopper when you pick up a branch at the edge of a field and I decided to build my own," he told FARM SHOW.

The first step was to remove the cutterhead and shroud from a junked one-row No. 10 International "direct throw" chopper built in the late 1950's. He built a frame around the cutterhead and fitted it with 3-pt. mounting brackets and a pto coupler so he can direct-drive it with the tractor pto.

"It's important to make sure you don't hang onto branches when you feed them because it works so fast. It chews them

up into 1 1/2 in. wide chips and throws them as far as 40 ft. Commercial units chop into smaller pieces because they spin at as much as 20,000 rpm's versus 540 rpm's for this machine," says Hoffman. He says the chipper is extremely quiet when idling and only makes noise when you feed into it, unlike commercial units that set up a constant whine. He can feed it with green wood up to 4 in. in dia. and dead wood up to 3 in. in dia.

Hoffman spent about a week putting the chipper together. He spent \$50 for the junked chopper, \$90 to have the chutes fabricated, and \$30 for miscellaneous other parts. Both chutes hinge upward for travel.

Contact: FARM SHOW Followup, Jack Hoffman, Rt. 2, Monticello, Iowa 52310 (ph 319 465-4200).



Cutterhead in home-made chipper was salvaged from a junked one-row No. 10 IH "direct throw" chopper built in late 1950's.