

FARM SHOW

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"LESS SMOKE THAN YOU GET WITH AN EFFICIENT WOOD-BURNING FURNACE

"Fuelmaker" Turns Old Tires Into Logs

A Minnesota farm machine shop operator heats his home and shop with tire "logs" he makes from old tires processed in a one-of-a-kind hydraulic-powered tire "fuelmaker".

Arnie Hoppe, Miliona, Minn., also sells tires for fuel to other farmers who, like him, burn them in a specially-built outside furnace that burns with "less smoke than an efficient wood burning stove or furnace."

Hoppe charges tire shops, auto parts stores, and garages a fee to dump used tires on his farm. Then he runs

them through his "Super Clipper" hydraulic-powered tire cutter. It uses a hard-surfaced, blunt-edged blade pushed by a 4-in. hydraulic cylinder through a slot in a cutting table to cut through the tire sidewall. A small piece of tire is punched out with each "cut". A 28-hp. Allis Chalmers combine engine powers hydraulics which push the cutting arm through the tires. It takes just 10 seconds or so to cut a car tire into 3 sections.

Hoppe turns the sections into tire "logs" by fitting

(Continued on next page)



Blunt-edged blade on "fuelmaker" cuts auto, truck and tractor tires into three or more sections in less than a minute, left. Once cut into sections, tires take up less than 1/3 as much room and can be disposed of more easily. Hoppe fits pieces inside one another to make "tire logs" to burn in his and other farmers' wood stoves and furnaces.

By Mark Newhall, Editor

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