



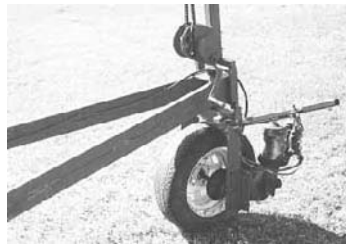
Gamble's self-propelled auger operates with a battery-powered motor off a combine.

Low-Cost Way To Self-Propel Grain Augers

Moving a 37-ft. long, 6-in. dia. auger around by hand can be a tiring job but commercial, add-on self-propel kits are not cheap. Hugh Gamble, Codette, Sask., used an electric motor off an old Massey combine to inexpensively add power to his auger.

The battery-powered motor chain-drives a small wheel mounted on front of a steel A-frame bolted to the auger's axle. A 2-ft. long steering handle mounts next to the wheel and is equipped with a toggle switch that's used to move the auger forward or backward. A 2-way winch off a row crop cultivator mounts on a 6-ft. high steel pole above the drive wheel. A chain runs from a sprocket on the winch up over the top of the pole and down to the auger tube. Turning the handle on the winch one way raises the end of the auger off the ground, and turning it the other way raises the wheel off the ground, allowing Gamble to pull the auger behind his pickup for transport.

"It works as good as commercial self-propelled auger kits that cost about \$3,000. I spent less than \$100 to build it," says Gamble. "I use it mostly for loading grain out of my



A small chain-driven wheel mounts on front of a steel A-frame bolted to the auger's axle.

bins and into my truck. I can drive the auger right up to the bin without having to lift the auger at all. I used rectangular steel tubing that I already had to build the frame. I paid about \$80 for electric wire and the switch.

"I think the same idea would work on any size auger, although a bigger one would probably be too big for a battery and would have to be hydraulically operated."

Contact: FARM SHOW Followup, Hugh Gamble, Box 248, Codette, Sask., Canada S0E 0P0 (ph 306 277-4235).

"Walking" Center Pivot Wheel

You can reduce center pivot wheel ruts by replacing the original wheels with a new-style "walking wheel" that's fitted with hinged steel pads, says Pivot Products Co., Muleshoe, Texas.

The company's "Pad-A-Tracks" system was introduced at the recent 31 show near Great Bend, Kan. Each wheel has 10 steel "legs", each fitted with a 12 by 14-in. pad. Cleats on the bottom of each pad maximize traction. An "ankle" hinge lets the pads move smoothly across uneven terrain without leaving deep ruts.

Sells for \$400.

Contact: FARM SHOW Followup, Pivot Products Co., Box 591, Muleshoe, Texas 79347 (ph 800 288-1805) or Addison Mfg., Inc., 16305 R Rd., Cimarron, Kan. 67835 (ph 316 855-2117).



Hinged steel pads "walk" over soft ground with less compaction than wheels.

"Tree-Style" Garden Tool Organizer

Here's a handy new organizer for long-handled tools.

Designed and built by Whitewood, Sask., farmer Glyn Newman, the free-standing "Tool Tree" consists of a 40-in. tall "trunk" made out of 1-in. sq. tubing that stands in a 12-in. wide H-shaped base.

A 2-ft. "limb" extends out from the top of the trunk at a 30 degree angle and is fitted with J-hooks for hanging at least five "D-handled" tools.

Six 4-in. long tube-type holders made of 1 1/2-in. sq. tubing are spaced equidistant on the base. Straight-handled tools - like brooms - can be inserted into the open tube holders.

Newman sells the tool holders for \$99 (Ca-



Some tools hang from hooks. Others stand in tube-type holders.

Contact: FARM SHOW Followup, Glyn Newman, Box 929, Whitewood, Sask., Canada S0G 5C0 (ph 306 735-2361).

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