

# Made It Myself

(Continued from preceding page)

## Three-Auger "Grain Chain"

When the ground is muddy or you just don't have time to load and unload trucks, setting up a "grain chain" of augers may be the simplest way to move grain around your farm.

Harvey Gjesdal, of Birch Hills, Sask., manufacturer of the popular rotary grain cleaner first featured in FARM SHOW's Vol. 3, No. 4, issue, set up this three-auger chain last fall when the ground was so muddy he would have had difficulty maneuvering trucks and would have ripped up his farmyard.

Gjesdal says the idea also makes it easy to get into tight spots quicker.

"The most important point to remember in setting up is to be sure to use the slowest auger where the grain enters the system," Gjesdal told FARM SHOW. His grain chain included two 6-in. and one 8-in. auger. Matching up the augers was made easier by the fact that the last auger in the line, the 8-in. auger, is powered by a Volkswagen motor complete with a 4-speed transmission.



"We were able to choose a speed that just kept up with the other augers," he says.

The temporary arrangement was used to move grain 90 ft. but Gjesdal says there's no reason additional augers could not be added as needed. "Just be sure you don't drink coffee until a

motor in the line runs out of fuel or you'll end up with grain piled up in the wrong place," he cautions.

For more information, contact: FARM SHOW Followup, J. Harvey Gjesdal, Box 425, Birch Hills, Sask. SOJ OGO (ph 306 749-3528).

## High-Dump Rock Picker

E.G. Leek, of Arnegard, N. Dak., spent two winters building what may be the most innovative rock picker anywhere — a self-propelled, high-dumping machine with tremendous mobility for clearing up rocky fields.

"Rocks don't get pushed into the ground as they do when you pull a rock picker with a tractor because the picker rides in front," Leek told FARM SHOW. "You also have more maneuverability because it bends in the middle. When you reach a rocky knoll or other rocky area, you can circle around much more easily with this unit than with a trailing picker."

Leek built his picker completely from scratch, making use of the axle and drive wheels off a Deere 55 combine. A 302 6-cyl. engine powers the drive unit, provides the hydraulics for

steering, and powers the rock picker.

The picker consists of a 5-ft. wide rotating reel with metal fingers that operate close to the ground to rake rocks onto a grate. It'll handle rocks up to 150 lbs., according to Leek, and push them up into a bucket behind. Once full, the bucket raises hydraulically to dump into trucks with sides as high as 8-ft.

Johnson would like to compare notes with any manufacturers interested in putting his rock picker into production. He spent \$2,500 to build the prototype but has a simpler, lower cost design "on the drawing board".

Contact: FARM SHOW Followup, E.G. Leek, Rt. 1, Box 3, Arnegard, N. Dak. 58835 (ph 701 586-3564).



## Build Yourself A Feed Bin

I built a feed storage bin out of two old Model 21 Massey Harris combine grain bins, using a 40 gal. pressure tank cut to size for the top filler hole and for the catch trap at the bottom.

The unique thing about 21 Massey grain bins are that they're built of tin and angle irons for reinforcement. The newer bins are built with the tin rolled on the edges for reinforcement. Thus, by using the 21 Massey bins, they fit together neatly. When finished, the bin looks as neat and trim as a purchased commercial bin.

I built the bin high enough so I could push a cart under it for hand feeding. The only cost I have in it is my time and electricity, and 3 tubes of caulking. The bracing and angle iron came from the scrap pile and an old windmill ladder.

Gary Kreutzer  
Leoti, Kan. 67861

