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See full list of machinery on pages 19 to 25.

SHeldon (Type) CONCRETE MIXER

By Barbara Oringderff

During its 57 year history the 3i Show has continued to be about showcasing new products for the farm and ranch, and this year I thought it would be fun to see some of the new products that, by the way, were part of the show sponsored by Western Kansas Manufacturers Association, (WKMA) 50 years ago. The 57th 3i Show will be held May 4, 5 and 6, 2011, at the Garden City 3i Show grounds. The big show, which now alternates each year between Garden City and Great Bend, attracts over 500 exhibitors each year from the United States and Canada. Admission to the show is free, and there is plenty of free parking adjacent to the show. For more information or to reserve an exhibit space, visit www.3ishow.com or contact the WKMA office at 620-227-8082. The WKMA office is located at 1700 East Wyatt Earp Blvd. in Dodge City, P.O. Box 1382, zip code 67801. ■

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Operating Instructions

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Mechanical feeding as defined in
anical power to replace the manual
age and concentrates into feed bunk

The increased use of roughage
stover, chopped green grass, straw
feeding -- means that more pounds
regular corn and hay ration.

At the same time, lower be
wage rates necessitate a trimm
a profit.

Mechanical mixer-feeders
be the answer to this problem
cutting feeding time and labor
They are enabling feeders to

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SECTION I

MECHANICAL FEEDING

Feeding as defined in this pamphlet, is simply the utilization of machinery to replace the manual labor of mixing and shoveling a ration of roughages and concentrates into feed bunks or onto the ground before a feeding fence.

The use of roughages and by-products such as corn silage, cobs and green grass, straw, beet pulp, molasses and cull potatoes in cattle rations that require more pounds of feed per animal must be handled than with a standard hay ration.

At the same time, lower beef and milk prices, shortage of farm labor and high feed costs necessitate a trimming of feeding time and costs if feeders are to make a profit.

Mechanical mixer-feeders on farms and in commercial feed lots are proving to be the answer to this problem. They are handling these extra tons of feed and are saving time and labor to as low as one-fourth that required for hand feeding, thus enabling feeders to increase herd sizes without increasing labor costs.

MECHANICAL FEEDING
 P. T. O.
 showing self-feeding mixer-unit.



The mixer-feeder allows the operator complete control of feeding rations, enables him to control bloat and going-off-feed, while reducing feed waste by assuring each animal a balanced ration. Although loaded in layers, a good feeder unit delivers uniform, well-mixed feed regardless of the percentages of roughages or concentrates in the ration.

As a feeder unit is driven alongside the fence or feed bunks, a floor conveyor moves the feed into a chamber where it is mixed by whirling beaters. This mixed feed is carried out the side of the box into the bunks by a cross-conveyor. Thus, the mixer-feeder unit takes the hard work out of feeding; turns a long, tedious manual job into a short period of machine operation.

For the commercial finisher, the mechanical feeding unit provides the flexibility in feeding capacity necessary when the number of head on feed is likely to vary.

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