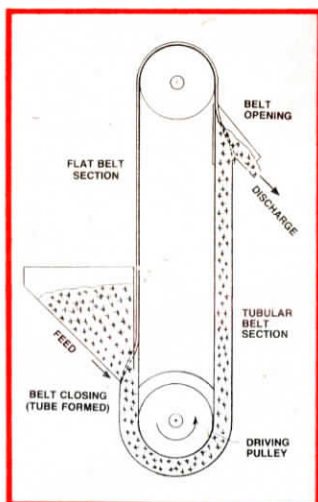




Karpisek's table-sized model is set up to flow continuously, emptying its load, at left in photo, and refilling, lower right. Note volume gauge at center.



Drawing shows how grain is funnelled into tube, left, and carried up to a discharge point, at upper right. In practice, watertight tubing carries grain to any distant point for discharge.

'Augerless' Grain Mover

(Continued from cover page)

Tubeveyor on paper 22 years ago but he didn't build his first prototype until last year. The idea is to funnel

grain into the rubber tube through an opening which runs the length of the hose. The opening is held closed by a watertight inter-connecting rubber lock system until it reaches its destination. There, the hose is opened up and the grain flows out.

The Tubeveyor is routed from one location to another by a series of pulleys. It can be sized small enough to replace portable grain augers and big enough to do the job of commercial elevators. On farm, the Tubeveyor can be used to move grain from remote bins to livestock, replacing all other handling equipment.

"There's no limit to the height, distance or volume of grain the system can move," Karpisek says, noting that he's now working on the first production models which will be powered by small electric motors. Karpisek says the system takes so little power that "he'll also be marketing a hand-cranked model for third world countries."

"We've had tremendous interest in the system from the largest manufacturers and industrial mining concerns as well as agencies that supply equipment to the least developed countries which need simple equipment that doesn't require high horsepower and lots of maintenance," he notes.

Another big advantage of the Tubeveyor is the ease with which the volume of material it carries can be monitored. Because the tube is always filled to capacity, a meter can be incorporated into one of the drive pulleys to determine volume. Karpisek says it can measure much more accurately than even a conveyor because it carries uniform quantities.

In addition to grain, the Tubeveyor can also be used to move fertilizers, chemicals, sand, cement, coal, foods and other materials. Thanks to its watertight seal, it'll also handle liquids,

LETS YOU CHANGE TIPS IN SECONDS

New Two Nozzle Head For Crop Sprayers

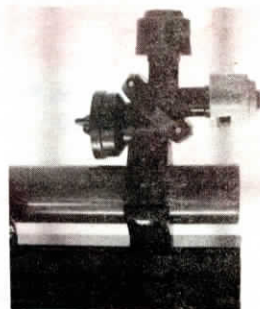
With the new Swivel Jet you can quickly change from a high volume to a low volume tip in seconds by simply rotating the two-nozzle head.

Wilfred Wilger, president of Wilger Industries Ltd., Saskatoon, Sask., the manufacturer, says that another potential use is placing the same volume nozzle in the second position so you have a clean, spare tip. Also, if needed, you can shut the cap off by positioning it so neither nozzle is in the spray position.

Each of the cap's nozzle holders are color-coded so it's easy to tell which tip you're using. Swivel Jet adapts to most existing sprayers with 3/4 or 1-in. dia. booms and accepts all popular flat spray tips.

The caps are made of corrosion-resistant material and have separate screen chambers for each tip.

The two nozzle head, not including



Two-headed nozzle rotates by hand.

spray tips, sells for \$14 (Canadian).

For more information, contact: FARM SHOW Followup, Wilger Industries Ltd., 2409 Thayer Ave., Saskatoon, Sask. S7L 5Y1 (ph 306 242-4121).



For everyone in agriculture interested in latest new products

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Reel forces crop directly into combine auger.

New Crop-Saving Reel For Combine Pickups

The problem: When combining windrowed crops, the pickup teeth have a tendency to throw material over the auger and onto the feeder house. This material falls off and is lost unless you stop every few minutes and pull it back onto the table.

The solution: A simple reel which mounts over the pickup to force crop material directly onto the auger and into the combine.

"With this reel, you can travel faster and better utilize the full capacity

of your combine," explains Canadian farmer Anci Derald, of Outlook, Sask., inventor-manufacturer.

His tubular steel reel fits all makes and widths of windrow pickups and can be adjusted to different speeds to match conditions. Sells for right at \$250.

For more information, contact: FARM SHOW Followup, Derald Irrigation Farms, Box 237, Outlook, Sask., Canada SOL 2NO (ph 306 867-8557, or 9453).

and is particularly suited for wet concrete and other hard to handle thick, viscous materials that can't ordinarily be conveyed. The fact that the system has no minimum speed of operation makes it even more versatile.

Karpisek is at work developing the first production models which will

convey about 500 bu. per hour. He hopes to have a 2,000 bu. per hour machine out sometime next year.

For information, contact: FARM SHOW Followup, L.S. Karpisek, L.S.K. Industries Pty. Ltd., 86 Woodfield Boulevard, Carlingbah, N.S.W. 2229 Australia (ph 02 525-8544).