

Remote Lube Fitting System features junction blocks (top photo) that group fittings together, and bulk-head connectors (bottom photo) that extend lube fittings directly through metal housings, plates or other protective panels.

### REACHES HIDDEN, HARD-TO-REACH FITTINGS

## Remote System Makes Greasing Faster, Easier

Hard-to-reach grease fittings that may cause you to put off that much needed lube job until "tomorrow" have come out into the open with a new remote lubrication system by Lincoln Manufacturing, St. Louis, Mo.

The remote system features two basic components: A junction block surface mount that groups scattered fittings into one place for quick service, and a pass-through bulk-head mount designed for bearings concealed by metal housings, plates or other protective panels.

The Group 1 mounting system features blocks with 11/32 in. mounting holes at 90° intervals for use with 5/16 in. dia. mounting bolts. They offer

horizontal or vertical positioning of lubricant inlet passages. Junction boxes with smaller 9/32 in. mounting holes are also available.

The system's manufacturer stresses that it permits safe lubricating of bearings while machines are running, as well as providing a practical solution to the accessibility problem present with most machinery.

A variety of lubrication combinations, including all hoses and fittings needed, are available from the manufacturer.

For more details, contact: FARM SHOW Followup, Lincoln Mfg., Goodfellow Blvd., St. Louis, Mo. 63120 (ph 314 383-5900).



Costs for new-style round bale carrier range from \$6,490 for a 5 bale trailer to upwards of \$16,000 for a 17 bale trailer designed for use with tractor or truck.

### DRIVER LOADS, UNLOADS AND UNROLLS BALES WITHOUT LEAVING THE CAB

## Trailer Hauls 17 Big Round Bales

You can haul up to 17 big round bales at a time on the new hay-hauling trailer introduced by H and V Trailers, a division of JC Ranches, Smithville, Mo.

In addition to the 17 bale mover, the company also offers smaller "5 to 14 bale" models of the same trailer. Each model is available with the cab conveyor carrier attachment which adds 3 additional bales to the carrying capacity. The largest model, for example, handles 14 bales plus the 3 additional bales which can be carried on the cab conveyor, for a total of 17 bales.

All trailer models are self loading as quickly as one can drive from one bale to another. They self-unload in less than five minutes by moving slowly forward. A special hydraulic unit for unloading one bale at a time in hay rings for winter feeding is optional. "Not only will the unit transport large round bales over long distances, but it also enables cattlemen

to unroll each and every bale on the trailer for range cattle feeding without leaving the cab of the tractor," Howard Johnson, the inventor-manufacturer, points out.

Key features include the single bale self loading system, and the multi-bale lift and conveyor which enables the operator to unload all bales directly into a tub grinder. Each trailer has its own hydraulic power system for use with trucks or tractors.

All trailers are built with gooseneck-type hitches for towing by truck or tractor. Experimental 6 ft. by 5 ft. by 4½ ft. containers are being designed for field loading in the fruit and vegetable industry, and for other possible uses.

For more details, contact: FARM SHOW Followup, H & V Trailers, Howard Johnson, President, 4500 Northwest 108th St., Kansas City, Mo. 64154 (ph 816 734-2905, or 532-0570).

### FIRST OF ITS KIND

## New Vacuum Combine

You may have a new job on the farm if a new-style combine from Australia catches on, and the job will sound more like a household chore — vacuuming the fields!

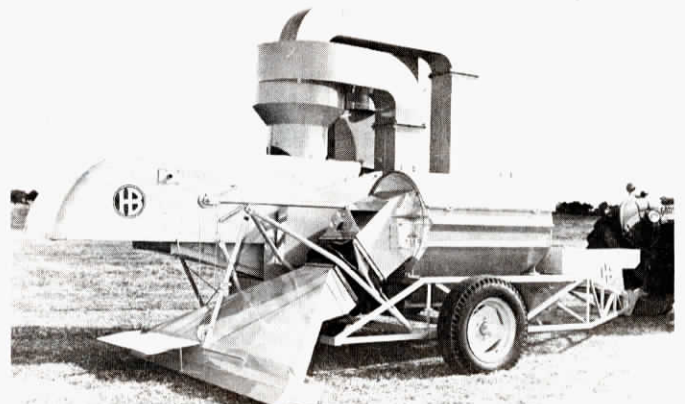
P. E. Thyer, export manager for Harwood Bagshaw, Inc., the combine's manufacturer, told FARM SHOW that for crops that tend to shatter, the new vacuum combine is likely to have a much lower percentage of seed loss than conventional combines. The machine, believed to be the first of its kind on the market, picks up seed pods or clover burrs by a selective suction process.

Its 4 ft. wide vacuum pick-up features an adjustable roller that keeps the vacuum at a constant distance

from the ground. Seed is sucked through the machine by a 28 in. dia. centrally-mounted fan. The only other major mechanical parts are the thresher and 9 in. rotary separation screens.

The combine has a minimum pto requirement of 50 hp with a ground speed range of 1.5 to 4.0 mph. It has a grain bin capacity of about 400 lbs.

The combine is currently being tested at Montana State University where researchers feel it could be especially suited for harvesting forage seed, such as birdsfoot trefoil, which is extremely prone to shattering. It sells for approximately \$14,000. Dealerships have been set up in California, North Dakota, Mon-



New combine's 4 ft. wide vacuum pickup features a full width adjustable roller to keep vacuum at a constant distance from the ground.

tana and Oregon, with other states soon to be added to the list, according to Thyer.

For more details, contact: FARM

SHOW Followup, Harwood Bagshaw, LTD., 1818 Westlake Ave. N., Suite 215, Seattle, Wash. 98109 (ph 206 284-9236).