



Wonder Hoist can either lift load horizontally, or with a 25° tilt. When at top of lift, outer edge of vehicle will be 6 ft. above ground. Lifts up to 6,500 lbs.

LIFTS UP TO 6500 LBS.; ROLLS EASILY FROM PLACE TO PLACE

First Portable Hoist For Cars, Trucks

Here's something you've never seen before — a portable hoist that lifts cars and trucks (up to 6500 lbs.) without being anchored and runs off any 12-volt battery. Unlike conventional hoists, which have to be installed in the floor, this hoist goes anywhere.

The new "Wonder Hoist" from Mar-Kee Enterprises, of Regina, Canada, can lift its load either horizontally, or with a 25° tilt for easier access under raised cars or trucks. With the Wonder Hoist, you don't have any center-post obstruction as with most other hoists — the post is off to one side and out of the way.

"This is a compact unit that weighs only 1,200 lbs. and can be rolled easily from place to place on its own three wheels by one man," Don Hunter, distributor, told FARM SHOW. "The wheels are spring-loaded so that when a load is lifted, the frame of the hoist lowers to the ground, locking the hoist in place. When the load is off, the hoist springs back to its wheels and can be rolled away."

The hoist lifts with one 3½ in. hydraulic cylinder, positioned vertically in the side-lifting post. There is space behind the cylinder and next to the motor for a 12-volt battery, or the hoist can be run from the battery in the truck or car being lifted. Hunter says you can make 50-60 lifts with a battery before it runs down.

When at the top of the lift, the outer edge of a vehicle will be 6 ft. off the ground if tilted, and 5 ft. when horizontal. In either case, the center of gravity of the load always remains in dead center, according to Hunter, "and that's the key to the hoist's design."

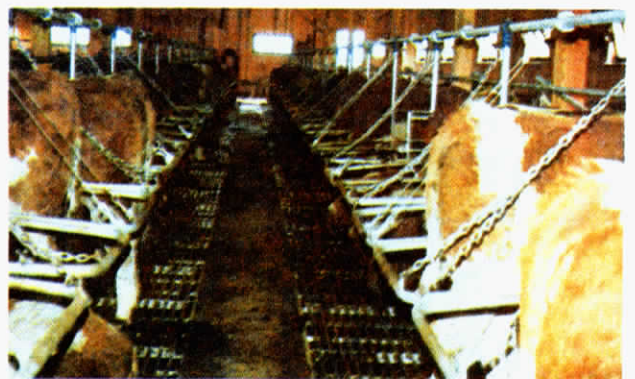
Safety features on the hoist include a safety lock every 4 in. up the side post. Spring-loaded teeth "walk" up the locking bars and would automatically lock in place should the hoist fail. In addition, if a hose should ever burst, a steel relief valve would lock the hydraulic cylinder.

Hunter says the hoist is ideal for farm use. "Up till now, the only kind of hoist you could buy cost an arm and a leg, and had to be permanently installed in a garage floor. This unit can be wheeled out whenever you need it. In your garage, for example, you can get a 12-volt converter and plug it in. When you need to use it at headquarters, or out in the field, you can run it off a car, truck or tractor battery. Also, we're experimenting with a travel running gear so it can be towed behind a pickup down roads, or into fields."

The hoist is 84 in. high, 24 in. wide, 101 in. long and weighs about 1,200 lbs. Since the hoist became available several months ago, the plant in Regina, Can., has received more than 6,000 orders, according to Hunter. Other manufacturers have been lined up to meet growing demand.

The new-style hoist is selling for about \$4400 in Canadian dollars. At present, there are no distributors in the U.S.

For more information, contact: FARM SHOW Followup, Mar-Kee Enterprises, Ltd., P.O. Box 3974, Regina, Saskatchewan, S4P 3R9, Canada, at the factory; or, Don Hunter, who is handling sales in eastern Canada, at P.O. Box 186, Hagersville, Ontario NOA 1H0, Canada.



Gates, which close automatically as cows enter cow-locking stalls, can be released in pre-selected groups by push button located in milking parlor.

COW-LOCKING CONFINEMENT STALLS

Look How They're Handling Milk Cows

Latest new labor-saving system for handling dairy cows is comfort confinement stalls, combined with a free-flowing manure system that requires no mechanical device whatsoever for moving manure from the barn to a holding tank, pit or lagoon.

Developed in Germany and Holland 10 years ago and tested in Canada, the new concept now stands ready to show its stuff to U.S. dairymen. Sig Kramer, representing Delta Pump Systems, and headquartered in Beloit, Ohio, has been named U.S. distributor for the new concept in dairying, introduced in North America by Nick Veer, president of Delta Pump Systems, Lethbridge, Alberta, Canada.

The low-locking stalls are said to offer many advantages in handling dairy cows. Each cow has her own confinement area to live in comfortably without fighting for her space and feed, as in a free stall. Individual stalls consist of a tall, slanted area, rubber mat to replace bedding, and a water bowl. They are 42 in. wide, 72 in. long with a stanchion-type front and a rear locking gate. Gates are usually closed when cows leave their stalls. However, individual cows can be trained to lift the rear gate with their heads to reenter the stall. Once they reenter, the gate closes automatically. At milking time, small pre-selected groups of cows can be released by push-button control. Cows returning from the milking parlor reenter their confinement stalls without operator assistance.

"Farmers not familiar with the confinement stall system find it difficult to visualize a cow going to the milking parlor on her own, then returning to her own stall," explains Herb Veer, of Delta Pumps Systems. "However, there is a simple explanation. The cow wants to be milked. She soon knows she will be getting concentrated feed while in the milking parlor. After being milked and fed, because of the dryness of this food, she



Cow-locking stalls combine best of free stalls and tie stalls, says manufacturer.

will want to drink, which she can only do in her stall."

Veer notes that a similar system has been developed for beef cattle, except that they are restricted with a nylon rope instead of the rear gate and stanchion system.

The free-flow manure system is built around a special helical screw pump developed by Delta. It does not require any mechanical device in moving manure from the barn to a holding pit. Cows dung over partial slats. Manure drops through the grates into a cutter, flowing without mechanical assistance by the glacier principle to an outside lagoon, or holding pit.

For more details on the cow-locking confinement stalls, and the free-flowing manure system, contact: FARM SHOW Followup, Delta Pump Systems, c/o Sig Kramer, 17594 Mill Street, Box 306, Beloit, Ohio 44609.

North American distributor of the systems is: Nick Veer, president, Delta Pump Systems, 616 34th Street South, Lethbridge, Alberta, Canada T1J 3W1 (ph 403 327-8643).