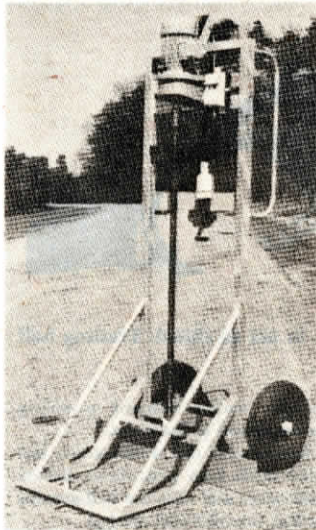


Manure Agitator Slips Through Slats

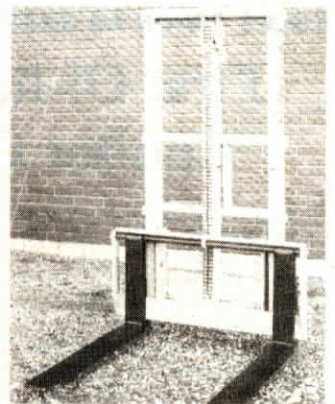
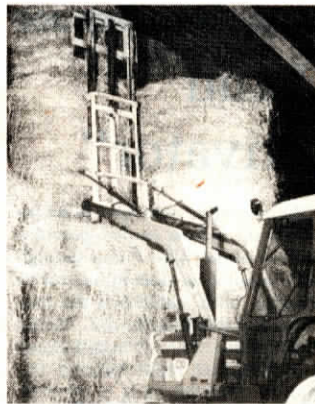


A manure pit agitator slim enough to slip through narrow 1 1/4 in. slat openings is new from the Lien Co. in Holland.

The rectangular stirring blade (about 5 in. high and 39 in. long) revolves at 32 rpm. It's driven by a 1.5 hp electric motor hooked direct to a 45:1 gearbox.

A hand-operated winch raises and lowers the motor-blade assembly. The agitator blade lowers to a depth of 5 ft. below the slatted floor and effectively stirs within a 12-ft. radius at each setting. Wheels allow one person to easily move the device wheelbarrow-style from one site to the next.

Contact: Lien Co., Postbus 1041, 2340 BA Oegstgeest, Holland (ph 071 15 5578).



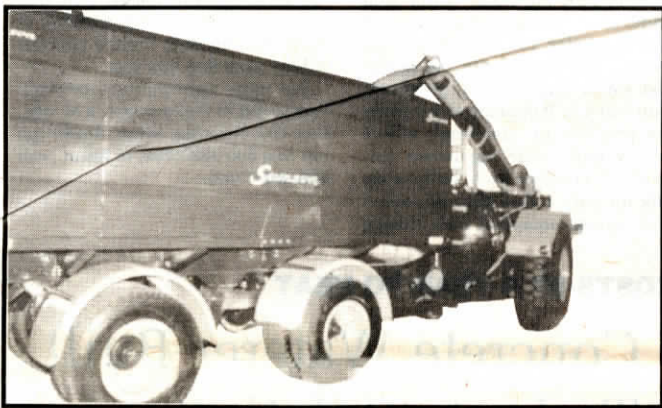
High Reach Fork-Lift For Loaders

You can vertically stack up to five big round bales with a Danish firm's new add-on attachment for tractor loaders.

It attaches to the loader arms and has a maximum lift capacity of 3,300 lbs. A hydraulically-driven roller chain vertically raises (and lowers)

the twin forks to a maximum height of about 86 in., providing more than 7 ft. of reach beyond the loader's maximum reach without the attachment.

Contact: Hans Jorgen Clausen ApS, Maskin Fabrik, Gottrupvej 3, 6520 Toftlund, Denmark (ph 04 83 2010).



Trailer Speeds Manure Hauling

One of Denmark's leading suppliers of slurry tanks and pumps has introduced a new "tag along" trailer to speed manure hauling.

The Samson Company's watertight slurry trailer — towed behind the slurry tank to the spreading site — has twice the capacity of the tank. The operator, without leaving the seat of the tractor, pumps and loads three times as much manure on each trip to the field as he formerly handled without the tag-along trailer.

A hydraulically-operated suction tower, mounted on top the slurry tank, resembles a giant goose neck. It's made up of 8 in. dia. hose and hinged support arms that guide it hydraulically into position for moving slurry in and out of the tag-long trailer.

Key to the entire system is Samson's exclusive pto-driven pump that works both as a pressure and a vacuum pump. It loads a 2,700 gal. slurry tank in one minute, and the 5,400 gal. tag-along trailer towed behind, in about 5 minutes.

When he gets to the spreading site, the tractor operator unhooks the trailer, then goes into the field to unload the 2,700 gal. tank. When empty, he returns to the trailer and, using the gooseneck suction tower, refills the tank with another 2,700 gals. He spreads this load, then returns to pump out and spread the remaining 2,700 gals. of slurry in the trailer.

Contact: Fabriken Samson Tange, Bjerringbrovej 10, Bjerringbro, Denmark DK-8850 (ph 06 65 85 33).



Big Bale Ammonia Injector

New machines for bagging big hay and straw bales in plastic, and injecting them with ammonia, were displayed by Armako at Agromek '86.

Latest new development in "one-man bagging and injecting" is a bagging machine big enough to inject and bag six bales per move of the machine. Bales are loaded into the machine's throat one at a time and stacked pyramid style (3 on the bottom, 2 in the middle and one on top). Ammonia, stored at the back of the tractor, is automatically injected into each bale through five hollow and perforated bale-spearer points on the front of the tractor loader. Each bale is speared, then treated during

transport to the plastic storage tube.

"We're using the system primarily for straw here in Denmark to increase digestibility up to 30%, and energy value up to 35%," an Armako spokesman told FARM SHOW.

After injecting and loading in from one to six bales, depending on model, the machine is pulled forward. As it moves, tube-shaped plastic unfolds to "bag" the last batch of bales. Individual tubes, made up of from 1 to 6 rows of bales stacked pyramid style, can be up to 150 ft. long.

Contact: Armako, Ebbe Korsgard, Agerovej 14, 7960 Karby, Denmark (ph 07 76 2431).

Leveling Device For Bunker Silos

European farmers who store silage in trenches, bunkers or piles are using a German-made BVL distributor to

level the stack as it's made and thus ensure a tighter pack and seal.

The drum-shaped device (8 ft. wide and about 3 ft. in dia.) is pto-driven at 32 to 50 rpm's. Eight large spikes, with rectangular-shaped flanges on the end, act as fingers to stir and mix the silage, and to move it to the outside edges of the distributor on each pass. A 30 hp. or larger tractor powers the device.

Contact: BVL Van Lengerich and Co., Postfach 1154, 4448 Emsburen, West Germany (ph 059 03 7116-7119).

