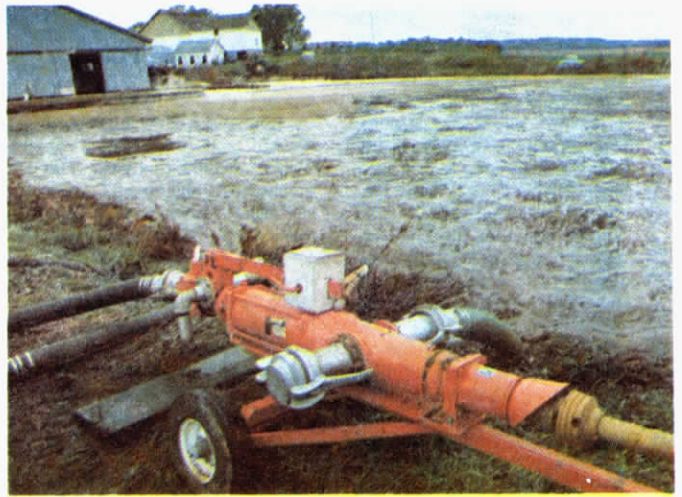


Farmstar Traveler can apply from less than ¼ to 1¼ in. of manure in one pass. Works on all types of terrain, and in soft fields.



Bauer pump handles tough-to-pump liquid manure, and develops enough pressure to operate traveling gun sprinkler.

ELIMINATES HIGH LABOR REQUIREMENT OF HONEY WAGONS

Manure Handling Without Hangups

Just about everything you always wanted in high speed, labor saving manure handling is wrapped up in a revolutionary system introduced by Brooten Fabricating, Brooten, Minn. It's the closest thing we've seen to being able to handle manure without the usual hangups, such as having to spend 2 to 6 weeks in the fall with a "honey wagon" when you should be out plowing, or trying to pump thick, sludgy manure from a pit or lagoon without constant plugging problems.

"We already had what we think is the best traveling gun sprinkler irrigator on the market. We teamed it up with the best manure pump on the market — a go-anywhere unit that we had to go all the way to Austria to find," explains Mitchell Johnson, president of Brooten Fabricating. "It's the only pump we know of in the world that will handle liquid manure as it comes out of a lagoon or pit — and still develop enough pressure to operate a traveling gun sprinkler."

The new Bauer pump, teamed up with the company's Farmstar traveling gun, eliminates the time consuming chore of having to empty pits or lagoons with honey wagons. "With our new system, you can be plowing while the pump and sprinkler work hand in hand to empty the pit or lagoon. When you're done plowing, you're also done handling and pumping manure. Not even wet, rainy weather or soft fields slow up this self-tending manure handling system."

The Austrian-built Bauer helical rotor pumps delivers 235 gpm and up to 150 psi. A 50 hp tractor will handle it. "Nothing plugs conventional pumps faster than plastic artificial insemination gloves, or a slug of afterbirth. This kind of material sails right through this Bauer pump. What's most, just about anything that

will go through the pump will also go through the Farmstar sprinkler," explains Johnson.

"While some traveling guns use power from the water stream, the Farmstar open flow-through system utilizes all the pressure and water at the gun for irrigating. This makes it an excellent choice for liquid manure application. Solids can be passed without plugging turbines or orifices," explains Johnson. "The machine is designed to move at a constant speed across the field, regardless of terrain, water pressure, hose drag or cable built up. It features a speed control mechanism called a controlled ratio drive. A roller senses cable build up on the cable drum and automatically changes the ratio of a split sheave, drive-through linkage mechanism. Once ground speed is set, it remains constant. Operating ranges are from 71 to 130 psi, and from 270 to 1,000 gpm.

"Costwise, on a total system basis, we can compete with honey wagons," Johnson points out. "But we're way ahead when you start figuring in all the labor time spent loading and unloading a honey wagon. Furthermore, our new system can operate in soft, wet fields, and there is virtually no compaction."

Cost of the Bauer pump is \$2,975, plus up to \$625 extra for optional accessories. Suggested retail cost of the Farmstar traveling gun is \$4,850 for the 1/8 mile unit, \$12,800 for the 1/4 mile and \$17,046 for the 3/8 mile unit. The Bauer pump is readily adaptable for use with all three Farmstar traveling guns. If you're handling easy-to-pump liquid manure and don't need the deluxe Bauer pump, lower cost conventional pumps are available.

Brooten Fabricating has launched a new custom lagoon or pit pumping



Scale goes most anywhere to weigh small animals, bales or whatever — up to 150 lbs.

FITS INTO PICKUP STAKE SLOTS OR WILL HANG ON A FENCE OR GATE

New "Instant-Way" Small Animal Scale

Even though it's meant for small animals, you can weigh just about anything that weighs less than 150 lbs. with the handy "Instant-Way" small animal torque scale from Arkfeld Mfg. Co., Norfolk, Neb.

The Arkfeld scale mounts in the

and spreading service. It's available to farmers who don't want to invest in equipment, but still need to remove manure from a lagoon or pit.

"We go out and size up a farmer's pit or lagoon and the land where he wants the manure spread, then we give him an estimate. We supply the equipment and labor to do the job from start to finish — agitating, laying pipe, pumping and cleanup," explains Johnson. "We already have a lot of interest for spring pumping and spreading, and have begun our spring signup list."

For more details, contact: FARM SHOW Followup, Brooten Fabricating, Box 366, Brooten, Minn. 56316 (ph 612 346-2201).

stake slots of a pickup, over a fence or a gate, or just about anywhere a steady support is available. The scale itself weighs only 10 lbs. and is small enough to tuck under your pickup seat where it's out of the way until you need it.

"Besides weighing animals, you can use it to weigh a bale of hay in the field to check uniformity of weight, or to estimate total weight of a load," says Gerald Arkfeld, manufacturer. "It's a big improvement over the old fashioned scales you hold in your hands, supporting the weight of whatever you're weighing," he points out.

The scale sells for \$59.95.

For more information, contact: FARM SHOW Followup, Gerald Arkfeld, Arkfeld Mfg. & Distr. Co., P.O. Box 54, Norfolk, Nebr. 68701 (ph 402 371-9430).