



Bucket cuts blocks of tightly packed silage and can also cut right through round bales.

CUTS THROUGH SILAGE OR ROUND BALES

“No-Waste” Loader Bucket

“Our new-style bucket for your front-end loader cuts blocks of silage from bunker silos or silage bags with minimum spillage and less waste and spoilage than conventional loader buckets,” says Moe Provost, Northern Ag, Inc., Derby Vt.

The company recently began importing the Parmiter “Shear Grab” from England where it has been used for several years. It neatly cuts blocks of silage, leaving a sealed silage face. A pair of hydraulic cylinders power a front blade and two side blades down through the silage while steel tines on the bottom of the bucket hold the load steady.

“It clamps silage tightly in the bucket, reducing spillage to virtually nothing,” says Provost. “The three knives have unbelievable pressure. They cut no matter how hard the feed is packed. When you go into a pile of silage with a conventional bucket loader, you loosen up a lot of silage that the bucket doesn’t take. This exposes the silage to air and causes it to ferment. The Shear Grab doesn’t loosen up any other silage so there’s virtually no spoilage. It also works well for loading out of silage bags. When you push into silage bags with a conventional bucket,

feed falls away from the bucket whereas the Shear Grab hangs onto everything it touches. It takes less than half a minute to load and unload a bucketfull of silage.”

According to Provost, the Shear Grab can cut right through round bales. “We’ve used the Shear Grab to cut round bales into thirds and dump them into mixer wagons. The small bale portions cause less pressure on the mixing auger than is caused by an entire bale. It allows you to use round bales in your mixer wagon to make a total mixed ration.”

Four pins attach the Shear Grab to the loader - two on the arms and two on the dump cylinder.

Four models are available for tractors ranging from 30 to 150 hp. Load capacity ranges from 760 to 2,200 lbs. and blocks cut range in size from 41 in. wide, 24 in. high and 30 in. deep to 75 in. wide, 32 in. high and 32 in. deep. Rear-mounted models are also available.

The models sell for \$2,600 to \$5,000.

Contact: FARM SHOW Followup, Northern Ag, Inc., RR 1, Box 312, Derby, Vt. 05829 (ph 802 766-2140) or P.J. Parmiter & Sons Ltd., P.O. Box 230127, Tigard, Ore. 97223 (ph 503 620-1407).

INSTANTLY FLATTENS 55-GAL. BARRELS

He Built His Own Portable Drum Crusher

Don Jensen of Carrington, N. Dak., designed and built a patented drum crusher which he pulls behind his 1/2-ton pickup to chemical dealers and aerial applicators throughout North Dakota.

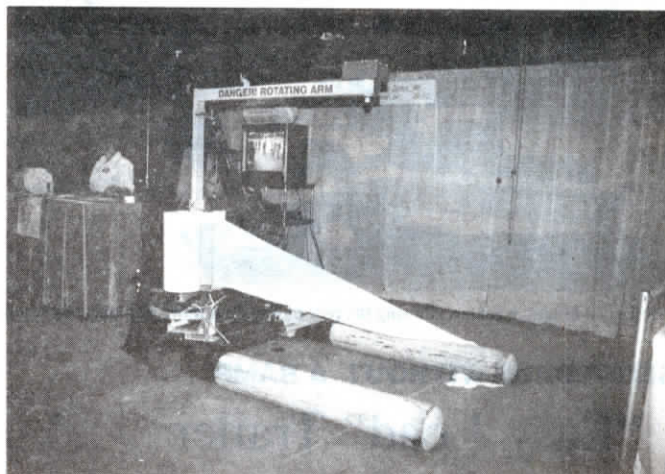
The 70-ton hydraulic press is powered by a 65-hp engine and uses two 5 by 36-in. hydraulic cylinders anchored in a frame made from square steel tubing. The barrel sits on a metal base and is flattened 3-in. high by a square crusher mounted on the hydraulic cylinders. It’ll crush 55-, 30- or 5-gal. drums up to 35 in. tall. Crushing time per drum is 28 seconds.

“My press could crush up to 100 drums per hour, but handling 300 drums is a good day’s work,” says Jensen, a retired crop sprayer and construction worker. “I started this business two years ago when I had to get rid of 200 55-gal. chemical drums. I couldn’t

find a landfill that would accept the drums unless they were crushed first. I built the crusher out of scrap iron and powered it with a hydraulic pump and engine from a log splitter. It did the job but worked too slow so I installed the 65-hp V-4 Wisconsin engine.”

Jensen charges \$3 per drum for crushing the first 100 drums (30 and 55-gal.) and less thereafter. He charges \$3 per drum for disposal at the time of crushing in an EPA-approved landfill. He spent about \$16,000 to build the drum crusher. He also built a second crusher powered by a 85 hp industrial engine which he uses in Arizona during the winter months.

Contact: FARM SHOW Followup, Don’s Drum Crushing, P.O. Box 496, Carrington, N. Dak. 58421 (ph 701 652-2194; in Arizona, 602 684-2582)



Two large 5-ft. long cylindrical tines pick up the bale and turn it while an overhead rotating arm wraps bale twice around with a 50% overlap.

WRAP AND STACK SILAGE BALES IN ONE OPERATION WITHOUT LEAVING TRACTOR

“One-Man” Automatic Bale-Wrap Machine

One man can load, wrap, transport and stack round silage bales and never leave the tractor with the new “System-Bee” bale wrap machine, according to Farm Bag Supply, a distributor based in Glenford, Ohio.

“System Bee” is manufactured by Acme-Gerrard Ltd., in England, where farmers have used it for three years. The unit mounts on either the tractor’s front end loader or 3-pt. hitch, and loads, wraps and stacks 5 by 4 ft. or 4 by 4 ft. bales in one automatic operation. Two large 5 ft. long cylindrical tines, which move back and forth horizontally to adjust to varying bale size, pick up the bale and turn it while an overhead rotating arm wraps the bale twice around with a 50% overlap, in effect applying four layers of specially formulated “pre-stretch” film.

“Other bale wrappers require one tractor and operator to operate the bale wrapping machine and another tractor and operator to haul bales away with a front-end loader. They also require that the operator get off the tractor to start the film and get off again to cut the film off. With the System Bee, all you need is a tractor and an operator, and you never have to get off the tractor. It takes

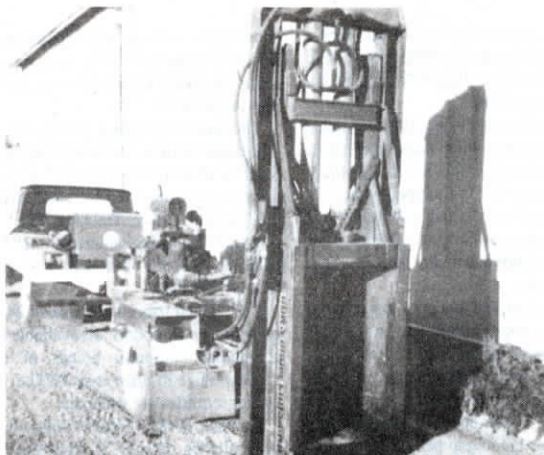
only about 2 min. to wrap one bale. It’ll wrap bales faster than two balers can make them,” says company representative Marge Willey.

A patented clamp arm cuts off the end of the plastic and holds it for the next bale. Another unique feature of the baler is that it pre-stretches the plastic film so that when bales shrink during storage, the wrap retains its tension, keeping air out to keep mold and weight loss to a minimum, according to Willey. “The same machine that wraps bales transports them so you never have to worry about puncturing the film. However, if you do accidentally puncture the bale, the tightness of the stretch wrap keeps air from permeating between the wrapping and silage and confines bale damage to the area of wrap damage.”

Willey says it costs about \$3 to wrap one 4 by 4 ft. bale.

Sells for \$11,743 (demos sell for less.).

For more information, contact: FARM SHOW Followup, Farm Bag Supply, Inc., 9500 Brownsville Rd. S.E., Glenford, Ohio 43739 (ph 800 327-6224, in Ohio call 614 787-1832).



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