

Bale Feeder Drops Hay In Bunches

"It's the best big bale feeder ever developed," says inventor Allan Henderson, Invercargill, New Zealand, about his bale feeder - which can be pulled by ATV, tractor or pickup - that self-loads and drops hay in intermittent bunches to reduce waste when feeding on the ground.

There's no hydraulics or electric equipment on the new feeder. It's ground-driven and has a walking beam axle that drives a set of unrollers with a cog system that unrolls the bale in stops and starts, leaving about a 10-ft. gap between hay strips. "That lets

livestock gather all the way around a bunch of hay without trampling on the windrow," says Henderson.

To load a bale, you back up to it and lower the overhead lifter onto the bale, then insert two spikes, one from either side, and pull ahead.

Sells for \$2,520.

Contact: FARM SHOW Followup, Allan Henderson, Roll-A-Bale, South Kapuka, No. 5 R.D., Invercargill, New Zealand (ph 03 2395731).

"Tubeline" Bale Wrapper

"I developed it on my own to solve a problem for me and my customers. Later, I discovered that a similar machine had been invented in England but it's a much more complicated, expensive rig that doesn't do any better job," says Michael Laver, New Zealand custom hay baler and inventor of the "Helix" balewrapper that wraps round bales in a long continuous line, wrapping them in one continuous wrap of plastic film.

It can be used to provide waterproof weather protection or to create an airtight seal for making haylage. Saves plastic and makes a tighter seal than wrapping bales individually.

"It's totally self-contained and narrow enough to be road legal," says Laver. The rig is powered by a small gas engine that drives a hydraulic pump. A large steel "hoop", fitted with a roll of plastic, rotates 360° around the bale to wrap it. Handles the biggest bales, which are delivered to a cradle on the front of the wrapper by a front-end loader. A "pusher bar" shoves the bale back under the wrapping hoop, pushing it against the previous bale which propels the wrapping machine ahead. Only one tractor is



needed in the field.

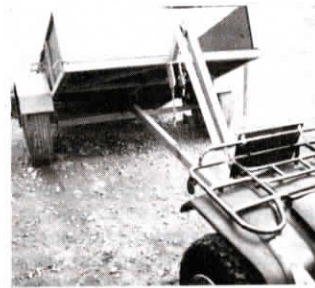
"It wraps bales as fast as you can put them on and will also wrap big square bales," says Laver, who is looking for a manufacturer or he plans to begin producing machines on his own. He expects to sell them for about \$10,000 apiece.

Contact: FARM SHOW Followup, Michael Laver, 21 Princess St., Dannevirke, New Zealand (ph 48 367).

No-Hydraulics Dump Trailer

Many New Zealand farmers use their ATV's more than they use their pickups so they're always on the lookout for ideas that make their 4-wheelers even more useful. Maurice Devane, who farms near Taihape, developed this new dump trailer that dumps its load without the need for hydraulics.

To operate it, you just pull two pins on the tongue, put blocks behind the trailer wheels, and back up. The main part of the tongue will "telescope" inward while the top part of the hitch hinges upward, raising the bed of the trailer to dump. Once empty, you just pull ahead and the trailer comes down flat again. Devane is looking for a manufacturer for the idea.



Contact: FARM SHOW Followup, Maurice Devane, Mataroa, RD 6, Taihape, New Zealand (ph 0658 27 853)



Clamp Makes Hoof Work Easy

A leg clamp that makes hoof work easier was on display in New Zealand, shown by a Dutch distributor who brought the clamp over from Holland, where it's widely used.

It fits over the cow's leg, just above the knee joint. A U-shaped fitting is tightened down onto the tendon at the back of the leg, immobilizing the leg and causing the animal to docilely hold up its hoof. "When the clamp is on, he can't kick. Work is easier and you're much safer," says Peter Van Dyke, distributor.

Made out of aluminum alloy, sells for \$80.



Contact: FARM SHOW Followup, Vice International Ltd., P.O. Box 959, Rotorua, New Zealand (ph 07 349-0498; fax 07 349-0498).

3-Pt. Splitter With Log Hopper

"We think it's the most efficient log splitter ever built," says Nico Sieling, inventor and manufacturer of a new 3-pt. mounted splitter with a built-in dump hopper.

An A-frame splitter mounts on the side of the hopper. Its large 2 1/2-in. dia. cylinder mounts vertically, pressed against a 3 ft. wide hard surfaced splitting blade mounted at an angle within the A-frame. One end of the blade is mounted in a fixed position while the other end has a steel roller that moves up and down the side of the A-frame. A second blade criss crosses the long blade in the center to split chunks into four pieces at once.

"It's a powerful design that lets it split the hardest wood and the biggest chunks," says Sieling. The split chunks fall into the hopper, which raises up 10 to 12 ft. to dump. That's high enough to reach over the sides of most trucks.

Sells for \$3,500.



Contact: FARM SHOW Followup, Rotacon Engineering Ltd., RD 2, Clevedon, New Zealand (ph 64 9 2928-682; fax 64 9 597-910).

"No Hydraulics" Jack

Hand-powered jack lets you lift car or pickup off the ground without the use of hydraulics by simply pulling back on its long handle.

John Jacobson's jack rides on two small steel wheels. The L-shaped jack is positioned so its square lift plate is up under the vehicle frame. Pulling back on the handle causes the wheels to roll forward, lifting the car or truck. It's adjustable to adapt to different height vehicles.

Sells for \$75.

Contact: FARM SHOW Followup, John Jacobson, Cnr. Broadway & Naples St., Martinborough, New Zealand (ph 69-346).

