

About the same size as a conventional round baler, Agropack's new square baler operates much the same in the field, but features a totally new bale-forming process.

COMBINES THE ADVANTAGES OF ROUND AND SQUARE BALES

“Round End” Baler Is First Of Its Kind

You've never seen a machine like the new Agropack “round end” baler that produces a rectangular bale about the size of conventional big round bales, but with one rounded end. The advantage? You can stack the bales flat for inside storage or transport, or leave them on end in the field, with the rounded end up for weather-resistant outdoor storage.

“Round bales are efficient but they're difficult to stack and transport. Rectangular bales, on the other hand, are easy to handle and stack but they're not weather-resistant. We've combined the advantages of both into one new Super Baler,” says Joseph Molitorisz, inventor-manufacturer of the first-of-its-kind baler.

Molitorisz says his new baler has the same power requirements, the same throughput capacity, and costs only slightly more than big round balers. To build it, he started from the ground up with a totally new baling mechanism. The bales are formed by continuous folding method that Molitorisz says makes them easy to feed out.

In operation, the windrow is picked up by a conventional pickup and deposited on compactor rollers that compress the layers of hay and deposit them in the bale chamber, which swings back and forth 45 times a minute to fold and form the bale.

The deposited layers force the bale upward against a density control. After reaching the desired length and density, the bale is tied with 5 twine strings and discharged out the back, with the baler stopped like a conventional round baler. It requires about 65 hp to operate.

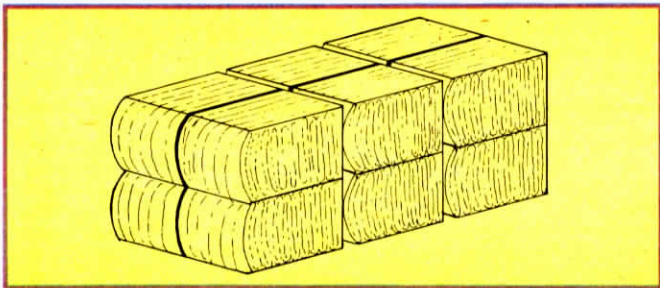
The bales are 4 ft. across and can be adjusted from 4 ft. to 8 ft. in length. Weight varies from about 1,000 lbs. to 1,500 lbs.

“Other big square balers have been developed but they are mostly geared to custom operators. I've found that farmers like the convenience of round balers, but don't like the handling problems that go with them,” Molitorisz told FARM SHOW.

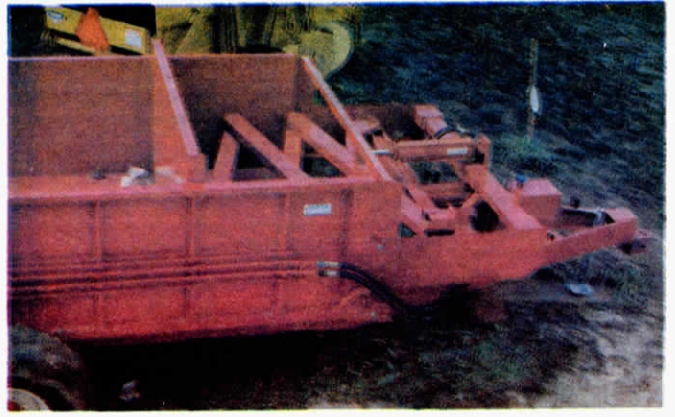
To move the “round end” bales, or to set them on end for outdoor storage, Molitorisz has developed a tractor-mounted, hydraulically-operated fork.

The baler has been under development for the past two years. Agropack is geared up to produce the first production models this winter. The price tag will be “about 20% more than same-size big round balers already on the market.”

For more information, contact: FARM SHOW Followup, Joseph Molitorisz, Agropack, P.O. Box 129, Medina, Wash. 98039 (ph 206 455-1823).



Drawing shows stacked arrangement of bales for transportation or indoor storage. For outside storage, the rounded end is positioned on top to shed water.



Luke Janmaat says his hydraulic design is more compact and easier to service than other hydraulic spreaders now on the market.

NEW COMPACT, HYDRAULIC DESIGN

“Scissor-Powered” Manure Spreader

It's not on the market yet but Luke Janmaat, of Seaforth, Ontario, thinks his new “scissor-powered” hydraulic manure spreader may be the design of the future for manufacturers of hydraulic-unload manure spreaders.

Janmaat is the manufacturer of a fast-growing line of farm equipment that's catching on fast with Ontario farmers. Besides the new spreader, Janmaat builds bean pullers, round bale transporters, gravity wagons, snow blowers and more.

The scissor mechanism on his new-style spreader is powered by just two 18-in. hydraulic cylinders. Folded, the mechanism takes up 48 in. of space above the tongue at the front of the spreader and detaches in one unit for quick servicing. Extended, the scissor stretches the entire length of the 195 cu. ft. spreader, back to the hydraulic-powered unloading beaters.

“This is a prototype design which I plan to test this winter under all conditions,” says Janmaat, noting that the spreader features a detachable beater assembly that can be replaced with various attachments, including an auger, dump gate, bunk feeder and more. Built heavy with a tandem axle, Janmaat says it can be used for hauling dirt, rocks, grain, forage and most any other hauling job around the farm. In addition, the spreader box can be mounted on a truck chassis.

Janmaat expects the spreader, slated for commercial production in a few months, to retail for about \$9,000.

For more information, contact: FARM SHOW Followup, Luke Janmaat, Luke's Machine Shop, 40 Birch Street, Seaforth, Ontario, Canada (ph 519 527-1080).



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