

Mini Baler Rolls Up Hay, Leaves, Or Pine Needles

Mini balers have been around for years but the manufacturer of this new machine thought of just about everything when they put it together.

For starters, it uses the same beltless technology found in bigger machines. A second axle was added to give it more stability.

And for use with 4-wheelers, the baler is equipped with its own 8 hp diesel engine for power.

It produces bales about 22 in. in diameter and about 20 in. wide. Bales weigh an average of 30 to 60 lbs., depending on the material being baled. It wraps bales in net rather than twine.

The baler itself weighs about 390 kg (about 860 lbs.) with the engine. It's used to bale all



sorts of materials, from all types of hay to pine needles, lawn clippings and leaves.

Contact: FARM SHOW Followup, Brard et Sarran, Z.A.E. du Cedre Briard, 77320 Beton-Bazoches, France (ph 01 64 01 07 56; fax 01 64 01 06 17).



"Gentle" Bale Handler Great For Wrapped Bales

Bringing wrapped bales in from the field without piercing the plastic can be a bit of problem, particularly if you're in a hurry.

Mike Malone, owner of Malone Engineering, County Mayo, Ireland, figured there had to be a way to get the job done without risking the feed wrapped inside. The result is his "over the top" four-bale transporter.

It consists of a tunnel frame that's open on the bottom and at the back and front. All bale-handling surfaces are rounded so there's no chance of ripping or piercing the plastic.

Hydraulic lifts on the wheels lower the bale hauler to ground to pick up bales. The hydraulic-controlled tongue swings unit out from behind the tractor. "You can load bales at either end of the tunnel," says Malone. "If a bale is dropped off near a fence where you can't get to it by driving forward, you can pick it up by backing the transporter over it."

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"Sidehill" Tractor Cab Always Stays Level

SIMA crowds flocked around the new "sidehill" cab for tractors from SAME Deutz Fahr.

The cab stays level on slopes of up to 25 percent, the company says, adding that the design should reduce back injury due to tractor operation. And, since the cab is isolated from the engine, there is a noticeable reduction in noise levels.

The cab sits on hydraulic actuators which are controlled by sensors that can tip the cab left, right, front, back, or anywhere in between. Built into this system is an "inertia unit," containing a gyroscope and two accelerometers, which constantly monitor the longitudinal and transverse positions of the cab.

Since the entire cab moves, the operator's seat and all controls stay in the same position in relationship to the operator.

An audible warning sounds if the sensors detect slopes that are unsafe for tractor operation and then the cab system is



deactivated.

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Side-Dump Bucket For Front-End Loaders

Here's the first side-dump loader bucket we've seen.

Separate hydraulic cylinder and hinges allow the operator to dump either to the front or off the left side of the bucket. The manufacturer LAMY offers the bucket in three widths from 6 ft. 3 in. wide to 7 ft. 10 in.

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"Double Jointed" Front-End Loader

A new front-end loader from the French company Fauchoux, is double jointed, giving it more flexibility and stability when raised under loads. The second joint in the loader frame gives it a shorter reach at ground level and a longer reach up high than comparably sized loaders. All movements of the arms are controlled by a built-in sensors and a digital micro-controller. The controller allows the operator to set the angle or pitch of loader attachments.

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Stacked Blocks Boost Jack's Reach

If you've ever blocked a short hydraulic jack up on a chunk of wood or brick in order to extend its reach, take a look at what we found at one of the smaller exhibits at SIMA.

A company called Centre Diffusion, makes cylindrical stacking jack extension blocks from a high-strength lightweight aluminum alloy. The blocks slide together and lock into place for safety. The slot on the top block accepts the base of the jack, so the jack stays securely in place.

They're being sold in Europe for about \$500, which includes a 15-ton jack.

Contact: FARM SHOW Followup, D.



Soret, Centre Diffusion, R.N. 10 Z.I. Le Papillon, 37210 Parçay-Meslay, France (ph 02 47 29 10 86; fax 02 47 29 07 06).

Tractor-Mounted Tree Stump "Drill"

This speedy tree stump "drill" quickly reduces just about any tree stump to chips and sawdust.

The Italian-built tractor-mounted unit grinds through stumps up to 30-in. dia. It requires two hydraulic outlets and a power take off. It can be used just about anywhere you can go with a tractor. The unit is built around a heavy duty gearbox. Separate lift cylinders on the arms of the machine allow it to be pushed down slowly into the stump, independent of the 3-point hitch arms on the tractor.

The company says it's a low maintenance tool, requiring only occasional attention to parts that come in contact with soil.

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Bale Mover Designed For 4-Wheelers

You can move big round bales behind a 4-wheeler using this hydraulic-powered rig built in France.

Because the bale is centered in the transporter before it is lifted, very little weight is transferred to the ATV, so it can be used to transport and unroll most sizes of big round bales.

The manufacturer makes a small hydraulic power pack for ATV's that powers the unit.

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