

# Latest New Products, Ideas From The SIMA Show In Paris

Contributing editor Mick Lane recently attended the SIMA farm show in Paris, France. The show is held every other year, usually in late February or early March. A record 1,350 exhibitors filled seven big buildings at the show site. Attendance for the 5-day event was close to 200,000 people from all over the world. Here are some of the new products that caught Mick's eye.



## Eye-Catching Mower Boom Runs on Air Pressure

You've never seen anything like this new roadside mower which uses air pressure to control a boom-mounted mower rather than hydraulics.

"We wanted to get away from the problems associated with hydraulic lifts, like leaks and spills," says Christopher Rousseau, owner of the Neuville sur Saone, the French manufacturer.

To solve the problem, Rousseau designed a mower lift and extension system that uses air pressure to raise, lower, and extend the boom.

Rousseau says that since air locks and sleeves can be made of lightweight aluminum

and aluminum alloys, the mower is much lighter than a comparably sized hydraulic controlled machine.

A PTO-powered air compressor provides air pressure. The mower head itself runs on hydraulics.

Prototypes are now in testing. The new mower should be in production within the next two years.

Contact: FARM SHOW Followup, Christopher Rousseau, 40/44 Avenue Wissel - BP0132, 69583 Neuville sur Saone Cedex, France (ph 0033 478 986922; <http://www.rousseau-web.com/>).



## Space-Age Tractor Sports High-Tech Styling

Merlo SPA, and Italian manufacturer, Merlo, has been producing telescoping loaders since 1982.

The company recently redesigned their basic loader, adding 3-point hitches, power-take-offs and hydraulic ports in order to create a new general-purpose farm tractor. It was introduced at this year's SIMA.

They call their new machine "the Farmer". The tractor comes in several versions, called Family Farmer, Multi Farmer and Turbo Farmer.

A number of different sizes and styles of telescoping loaders are available on all

models. Hydrostatic transmissions are standard. The Family Farmer and Turbo Farmer come with a 108 hp 4-cylinder Perkins turbo diesel. The Multi Farmer has a 114 hp 4-cylinder diesel engine.

Cab styling, which allows the operator to see nearly 360 degrees with only minor obstructions, gives these tractors a distinctive look.

Contact: FARM SHOW Followup, Merlo SPA, 12020 S Defendente di Cervasca (CN), Italy (ph 39 0171- 614111; fax 39 0171-614100; Internet: [www.merlo.com](http://www.merlo.com)).

## "Intelligent" Corn Head Folds For Road Travel

This Italian-built corn head has two features not found on any corn head in North America.

The most dramatic is that it folds up hydraulically for transport, to just under 10 ft. wide.

The header's other unusual feature is that it automatically adjusts to the size of corn stalks, so fewer ears are dropped at the head. Gathering chains, made of reinforced steel, are self-adjusted by a spring to absorb stress.

The head's low profile also makes it easier to harvest down corn. Options include a built-in stalk shredder and a conversion kit to harvest sunflowers.

The self-adjusting header is available in 4, 5, 6, 7 or 8-row configurations.



Contact: FARM SHOW Followup, Olimac-Oliviero Macchine s.r.l., Strada Statale Mondovi, 70 - 12081, Beinette (CN), Italy (ph 0039-0171-38-48-98; fax: 0039-0171-38-49-04; E-mail: [olimac@cnet.it](mailto:olimac@cnet.it); Website: [www.cnet.it/pro/olimac/](http://www.cnet.it/pro/olimac/)).

## Lobed Disc Blades Take Less Power To Pull

Lobed disc blades from a French Company break up soil and crop residues better than standard disc blades at similar working depths, but with 20 percent less weight, according to the company.

They say lobed disc blades work better at higher speeds, in wetter soils, and require nearly 20 to 30 percent less power.

The company makes five-lobe and six-lobe discs. The fewer the lobes, the faster the blades turn in the soil, says Jean Javerlhac, a farmer and consulting engineer who developed and patented the lobed blades.

The French manufacturer owns North American Tillage Tools, Hamilton, Ontario, Canada. Company President Alain Grenier says the lobed blades will eventually be produced there.

Contact: FARM SHOW Followup, Forges de Niaux, 09400 Niaux, France (phone 05 61 65 71 00; fax: 05 61 65 71 01).



## Tow-Behind Chopper Header

Imagine this. You're cutting silage with a self-propelled chopper. When you finish up in one field, you just drop the head, hitch it up behind the chopper and head off for the next job - all without leaving the cab. No loading the head on a cart.

That's what you get with a new forage cutter header from IDASS, Ormes, France.

It's fitted with a set of wheels and a drawbar that drops down when needed. The Header has its own hydraulics activated by radio remote controls. The header is ready for transport in just 40 seconds.

Contact: FARM SHOW Followup, IDASS,



Rue de Montbary - ZI Ormes, 45140 Ormes, France (ph 02 38 74 70 28; fax 02 38 74 77 76; Internet: [www.idass.com](http://www.idass.com)).



Photo courtesy Profi Magazine ([www.profi.com](http://www.profi.com))

## Round Baler Wraps Bales In Chamber

New "Bale in One" baler from Taarup wraps bales right in the bale chamber right after they're formed.

Once a 4 by 4-ft. bale is formed, the top of the bale chamber raises up and film wrappers, attached to a ring around the entire baling chamber, apply six layers of plastic in less than 20 seconds. Once the bale is wrapped, the bale chamber lowers and the bale rolls gently to the ground.

The speed of the wrapping and ejection makes baling and wrapping almost as fast as

baling alone with a conventional round baler, says Taarup.

The compact unit is less than 8 ft. high, about 9 ft. wide, and measures about 15 ft. from front to back.

Contact: FARM SHOW Followup, Taarup BIO, Kverneland International B.V., P.O. Box 1000, NL BA Nieuw-Vennep, Holland (ph 0031 252 66 22 35; fax 0031 252 66 22 63), or Kverneland Inc., 1200 rue Rocheleau, Drummondville, Quebec, J2C 5Y3, Canada (ph 819 477-2055).