

New Ideas From Europe

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Photos courtesy Top Cultures

Tow-Behind Bale Hauler

New tow-behind round bale trailer uses gravity to load and unload bales in groups of 3 or 4.

Designed to operate automatically - it hooks into baler controls - a front loading platform on the trailer lowers to the ground to catch the bale as it exits the rear door. It then lifts the bale onto the rear-sloping platform and the bale rolls to the back down the sloped frame. Holds three or four bales, depending on size (since you can carry one bale in the baler, you can transport up to 5 bales). Once full, a hydraulically-controlled rear restraining bar is dropped, allowing the bales to roll off the back as you drive forward.

Sells for about \$4,500.



Contact: FARM SHOW Followup, Bugnot, F-52270 Bettaincourt-sur-Rognon, France (ph 25 01 31 18; fax 25 01 37 47).



Oval-Shaped Disc Blades

French manufacturer Poget S.A. says that when farmers first see the company's new oval-shaped disc blades operate they can't believe how much the slight change in shape increases the aggressiveness of tillage.

"Ovadiscs" are about 3 in. wider than they are high and they're mounted alternately on gangs so that when one disc is at its lowest point in the ground the next disc in line is at its shallowest.

Company representatives say the discs tear at the earth like a shovel, turning over soil much more aggressively than conventional discs which makes them ideal for covering surface residue. They also penetrate better in dry soils or pasture ground and work great in heavy, wet soils since the

constant up and down motion helps prevent plug-ups. In fact, farmers with heavy, gumbo soils have been among the first to line up to buy the new tillage tool.

Because the discs are mounted alternately, the frame of the disk runs smoothly through the field - it doesn't hop up and down - however, the discs are fitted with heavy-duty bearings to compensate for the extra wear and tear.

Ovadis disc gangs can be fitted to existing equipment.

Contact: FARM SHOW Followup, Poget S.A., Boulevard Mendès-France, B.P. 1059, 79010 Niort Cédex, France (ph 49 33 16 91; fax 49 33 51 62).



"Long Reach" Post Driver

"Reaches over ditches, fences and other obstacles, unlike most fence drivers which mount up close to the side of the tractor," says Roger Thomas, company representative for a new "long reach" post driver that mounts on any Cat. II tractor 3-pt.

No hydraulics or PTO required. You simply raise and lower the 3-pt. Because it reaches out up to 11 ft. you can use it almost anywhere, including hillsides and ditches, that would otherwise be almost impossible to

fence with machinery.

Constructed from heavy-gauge steel, the post driver consists of a 4 by 6-in. steel beam supporting a 1 1/2-in. thick steel plate flat driver. An adjustable upper lift bar raises and lowers the driver as the 3 pt. is moved.

Contact: FARM SHOW Followup, David W. Thomas, Ltd., Kerry Road, Newton, Powys., SY16 1DX England (ph 01144 686 625721; fax 01144 686 622049).

Revolutionary New Combine

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out the "axial flow" rotary cylinder and replace it with conventional straw walkers when needed, and vice versa. The entire conversion process takes two men less than 4 hrs. to complete. No changes are made to the threshing cylinder and main concave which are designed to handle any crop or condition.

Rosso Combines says that approximately 50 percent of all combines worldwide are rotary and 50 percent conventional. Both designs have advantages but the one big disadvantage of rotaries that many farmers don't like is the way they chop up straw. New regulations banning straw burning have increased interest in baling straw as well as many new uses - such as burning straw bales for fuel. With Rosso's new machine, if you need to save straw, you can slip in the straw walker assembly. And there are other crops and conditions where one system - rotary or conventional - may have an advantage over the other.

The combine's large threshing cylinder is 25 in. dia. and 46 in. long. Speed varies from 350 to 1,000 rpm's and it's driven hydraulically, making it easy to adjust speed to conditions. It has a wider concave than

normal, improving threshing up front.

The rotary separation cylinder is also driven hydrostatically and can be infinitely varied in speed from 0 to 1,000 rpm's or even reversed if it should ever plug up.

The combine is powered by either a 6-cyl. 170 hp. naturally aspirated engine or a 6-cyl. 220 hp. turbocharged engine. Ground drive is hydrostatic. Any type of header can be fitted to the machine.

All combine adjustments can be made from the cab including speed of threshing cylinder and fan, concave and rotor spacing, the movement of the tank unloading auger, and the height control for grain tank filling auger. You can tell the status of any of the equipment at a glance thanks to cab-mounted indicators.

Optional equipment for the new combine includes a self-leveling kit and full metal tracks.

Rosso hopes to locate a manufacturer or importer in North America.

Contact: FARM SHOW Followup, Rosso Combines Corporation, 13030 Larizzate-Vercelli, Italy (ph 0161 392284; fax 0161 391730).

