



Trimmer mounts on one side of deck and is powered by a self-contained hydraulic pump and motor.

Trimmer Attachment For Riding Mowers

This new attachment lets you trim grass around trees, under fences and near walls right from the seat of your riding mower.

Geared for commercial mowing at a cost of about \$2,000, the trimmer mounts on one side of the deck and is powered by a self-contained, high rpm hydraulic pump and motor. A hydraulic reservoir mounts on front of the deck. A foot pedal is used to activate the trimmer head and also to laterally extend or retract it. You can feed more line into the head by tapping down on a handle that's attached to the unit. The trimmer head can be tilted to any angle by pulling or pushing on another handle.

Two other models, driven by an electric

motor that operates off the mower's battery, are also available. Model Z is designed for zero turn mowers and has a foot-operated on-and-off switch and foot controls for lateral movement of the trimmer. Model C is designed for conventional riding mowers and has a keyed on-and-off switch and hand controls for lateral movement of the trimmer.

Both models sell for less than \$1,000.

Contact: FARM SHOW Followup, 4M Inc., 3800 Coopers Mountain Road, Martinsville, Va. 24112 (ph 866 623-8264 or 276 632-7286; email: sales@4mtrimmers.com; website: www.4mtrimmers.com).

Trimmer Attaches To Any Deck

This new trimmer attachment bolts to the deck of most zero turn mowers and can be used either as a trimmer or an edger.

The Z-Trimmer is driven by a DC motor that operates off the mower's battery. It can reach out up to 20 in. from the edge of the mower deck, with the string cutting a path 14 in. in diameter. By loosening a wing nut, you can adjust the unit's lightweight aluminum head for both height and angle and move it in or out from the operator's seat via a lever. The unit has a 140-degree range of head movement for trimming or edging. A switch on top of the lever is used to turn the unit on or off. The switch also acts as a circuit breaker so if you accidentally run the trimmer against something and it stops, it'll trip the circuit breaker instead of blowing a fuse.

The unit folds out of the way for transport. It comes with a 1-lb. container of pre-conditioned trim line.

Sells for \$247.70 plus S&H.

Contact: FARM SHOW Followup, Peco, Inc., P.O. Box 1197, Arden, N.C. 28704 (ph 800 438-5823 or 828 684-1234; fax 828 684-0858; email: pecoinc1@bellsouth.net; website: www.lawnvac.com).



Trimmer can reach out up to 20 in. from edge of mower deck.



By loosening a wing nut, you can adjust head and use the unit as an edger.

T-Post Straightener Fits Receiver Hitch

Here's a fence post straightener that fits into a pickup receiver hitch.

Larry Schulze, of Clifton, Texas pinned an 18-in. length of 2-in. square tubing into the pickup hitch. Then Schulze slipped a 3-in. long sliding collar made out of 2 1/2-in. square tubing over the smaller tube and welded a 1/4-in. thick flat plate with a "T" shape cut out of it.

To use, Schulze simply slides the bottom of the T-post through the "T" slot and pushes down to bend it. The collar slides back and forth as needed.

Because the tool works better than he expected, he's willing sell them for \$25 plus shipping.

Contact: FARM SHOW Followup, Larry



Schulze built this fence post straightener to fit into his pickup's receiver hitch.

Schulze, 135CR 3250, Clifton, Texas 76634 (ph 254 675-8195; email: schulze@earthlink.net).

Passive Hydraulics Steer Big Wheel Rake

By Jim Ruen, Contributing Editor

Walking through the crowded halls at the recent National Farm Machinery Show in Louisville, Ky., I ran across an application of passive hydraulics I had never seen before. The Italian-built Enorossi rake offers automatic steering that follows the tractor as it turns.

The unique steering system relies on a 2-point hitch that pivots against a hydraulic cylinder mounted on the rake frame. When the operator turns the tractor, the cylinder is either extended or depressed. Fluid from the cylinder moves through hoses to a cylinder on the top of the rear cross frame. It is connected in turn to shafts in the rear frame legs that turn the rear steering wheels. If the tractor turns to the right, the rake wheels turn in the opposite direction, causing the rake to closely follow the tractor's path.

The son of the company founder was attending the show and said the steering makes the company's big rakes more efficient and easier to handle on smaller Italian fields. He added that the auto-steer system also makes backing the rake into position easy to do.

The steering system is available on only one model in North America, but six in Europe. Active hydraulic systems on the rakes allow the operator to adjust their swath size on the go. The model offered with autosteering in North America is priced at \$12,410 and gathers hay across a swath of



Hydraulic cylinder mounted on tongue extends or contracts as tractor turns.



Rear wheels turn to follow tractor.

up to 26 ft., 2 in. All models collapse to a transport width of less than 10 ft.

Contact: FARM SHOW Followup, Chuck Peters (U.S. distributor), Agricole International, 1537 Driftwood Point Road, Santa Rosa Beach, Fla. 32459 (ph 850 622-1085; website: www.enorossi.it).



Bale feeding machine's rotor is equipped with welded-on sickle teeth that rotate counterclockwise so material comes over the top.

State-Of-The-Art Round Bale Feeding Machine

A new round bale feeding machine is gentler on hay, improving the quality that gets to cattle, according to its Sask. inventor.

The BaleMax 1400 uses sickle knives instead of flails to pull hay off the bale and feed it into bunks or windrows.

"It produces a fine and gentle cut without creating a lot of dust, and doesn't beat the hay to a pulp like flails do. That saves more leaves and stems and results in higher feed quality," says inventor Brian Shygera.

The pto-operated machine is designed to carry two round bales at a time. It uses a rotor to break up the hay and discharge it out the right side. The hay is cut by a row of 32 sickle knives mounted on a sliding cutter plate, which can be hydraulically raised or lowered to adjust the length of the cut.

The rotor itself is equipped with welded-on teeth and rotates counterclockwise. "The rotor on a conventional bale shredder spins clockwise and shoots material out the bottom, spreading a distance. The rotor on our machine spins counterclockwise so material comes over the top," says Shygera.

The sliding plate with the knives on it has five different settings for various lengths of cut. "You can make a finer cut for cows and a coarser cut for bedding. The sickle knives can be completely removed from the dis-



Machine uses sickle knives instead of flails to pull hay off bale and feed it into bunks or windrows.

charge area if fine cutting isn't required. This machine isn't designed to throw bedding material out 60 ft. like some other machines on the market. However, it can be used to lay down bedding material evenly at short distances, up to 20 ft., and in confined spaces such as barns and corrals."

Sells for \$14,000 (Can.).

An electric twine cutter is available that makes removing twine from the rotor a fast and easy job. It has a heating element that melts through plastic twine.

Contact: FARM SHOW Followup, REM Mfg. Ltd., P.O. Box 1207, 2180 Oman Dr., Swift Current, Sask., Canada S9H 3X4 (ph 800 667-7420 or 306 773-0644; email: remsales@rem.sk.ca; website: www.remmanufacturing.com).