



Gehl's new 1275 forage harvester cracks the entire kernel, breaks up cobs, and "conditions" stalks, producing higher value silage.

## Pull-Type Forage Harvester With Built-In "Crop Processor"

Here's the only pull-type forage harvester on the market with an on-board crop processor that rolls corn kernels, according to the Gehl Company, which introduced the machine at the recent National Farm Machinery Show in Louisville, Ky.

The 1275 pull-type forage harvester produces silage with 10 to 20 percent higher digestibility in a single operation, the company says. It cracks the entire kernel, breaks up cobs and "conditions" stalks, resulting in increased milk production of up to 4 lbs. per day, Gehl says.

Two high speed 4-cut, 26 1/2-in. wide by 8 1/2-in. dia. rolls, like those used in roller mills, mount in an assembly directly behind the cutterhead cylinder. The rolls swing with the auger to allow access to the rolls and cutterhead cylinder. Roller gap adjusts down to 1/64 in. to ensure that no kernel passes through uncracked.



Two high speed 1/2-in. dia. rollers mount directly behind cutterhead cylinder.

Rolls can be removed for hay chopping. Basic unit, including 3-row narrow corn head, lists for just under \$50,000. Two-row wide is also available.

Contact: FARM SHOW Followup, Gehl Company, 143 Water St., West Bend, Wis. 53095 (ph 414 334-9461; website <http://www.gehl.com>).



Rig is equipped with 18 shanks mounted on a rotary drum that are arranged in an overlapping design. Penetrates to 24 in. deep with minimal topsoil disturbance.

## "Rotary Subsoiler" Punches Holes 2 Ft. Deep

"Our new rotary subsoiler penetrates up to 24 inches deep with minimal topsoil disturbance, leaving smooth, open, punched holes that capture moisture and reduce erosion. It creates little, if any, damage to a seeded winter crop and leaves the soil surface smooth enough that you can no-till seed in the spring, and spray and harvest, without any problems," says Jack Rodrigues, R & R Agri-Products, Inc., Wilbur, Wash.

The 10-ft. wide rig is equipped with 18 shanks mounted on a rotary drum that are arranged in an overlapping design. The drum is compartmentalized and can be filled with water, calcium, or lead powder for penetration to the depth desired (optional suitcase weights can be added if more weight is required).

"It works like an aerator but penetrates much deeper," says Rodrigues. "It leaves large spaces between the holes so it doesn't

create a 'row effect' even when operated at maximum depth and speed. As a result you can operate it in any direction without worrying about water erosion.

"The shanks are faced with replaceable chrome segments and have a chrome knife point for long wear and deep, smooth penetration. T-1 steel shanks are available for rocky areas. An optional hitch can be used to couple two or three subsoilers together for a 20 or 30-ft. working width. By spacing two hitches 10 ft. apart you work the ground up to 40 ft. wide."

Sells for \$8,800. A 15-ft. model will soon be available.

Contact: FARM SHOW Followup, R & R Agri-Products, Inc., Wilbur, Wash. 99185 (ph 800 326-6860 or 509 646-3291; E-Mail [rr\\_agri@rr-agriproducts.com](mailto:rr_agri@rr-agriproducts.com); Website [www.rr-agriproducts.com](http://www.rr-agriproducts.com)



Loader's steel frame bolts to underside of tractor and a pair of big steel arms attach to 3-pt. hitch. Loader is shown here mounted on a Deere 3010.

## You'll Like This New High-Lift Bale-Stacking Loader

An Oregon company that specializes in custom manufactured hay handling equipment has come up with a tractor-mounted bale loader that stacks bales in piles up to 17 ft. high.

David Steffen recently showed FARM SHOW how the loader mounts on a Deere 3010 tractor. It has a steel frame that bolts to the underside of the tractor and a pair of big steel arms that attach to the 3-pt. hitch. The arms, which extend out over the front of the tractor, are raised or lowered by a pair of hydraulic cylinders.

"It lets you stack bales much higher than you can with a conventional front-end loader. Also, the weight of the load is transferred along the entire length of the tractor instead of only on front which greatly reduces stress on the tractor frame," says Steffen.

At the front of the loader is a rectangular bale grabber frame equipped with a series of hooks. The grapple hook frame picks up as many as 10 small square bales, two 3 by 3 by 8 mid size bales, or one 4 by 8-ft. big square bale at a time. The frame can be rotated 90 degrees to allow for stacking from either side of the stack.



Arms extend out over front of tractor and are raised or lowered by a pair of hydraulic cylinders.

Steffen says the loader requires a minimum 65 hp tractor and can be custom built to fit any tractor brand or model.

Contact: FARM SHOW Followup, Steffen Systems, 8045 State St., Salem, Ore. 97301 (ph 503 399-9941; fax 503 371-4779).



Wiper uses nozzles to spray foam concentrate onto a rotating roller which wipes the foam chemical solution on weeds. Note streaks on roller where weeds rubbed foam off.

## Foam-Covered Powered Weed Wiper

At the recent Northwest Ag Expo in Portland, Ore., FARM SHOW discovered a powered weed wiper made by Agriweld Inc., Monmouth, Ore. It uses nozzles to spray foam concentrate onto a rotating roller, which aggressively wipes the foam chemical solution on weeds.

The weed wiper uses a special roller with a carpet-like covering that's driven by a hydraulic motor. Chemical is mixed with a foam concentrate and applied to wiper rolls through Teejet nozzles. As the roller rotates it rubs against a backing which turns the liquid on the roller into foam. Roller speed can be adjusted using a flow control valve. The chemical/foam solution is pumped by a 25-gal. poly tank.

"Rotating the roller prevents dripping and does a better job of wiping chemical on weeds," says inventor Craig Pope. "You can see streaks on the roller where the weeds rub the foam off, which makes it easy to monitor the amount of chemical that's available on the wiper at all times. The low positioning of the roller applies chemicals to the undersides of leaves."

Available in widths from 12 ft. to 30 ft. A basic 30-ft. unit sells for \$5,155; one equipped with a hydraulic power unit and foam marker sells for \$7,067.

Contact: FARM SHOW Followup, Agriweld, Inc., 13000 S. Pacific Hwy. West, Monmouth, Ore. 97361 (ph 503 838-3960; fax 0959).