



The HD-12 Hydraulic Post Driver from Shaver Mfg. Co.

Shaver Mfg. adds hydraulic post driver

GRAETTINGER, IA — The new Shaver™ HD-12 Hydraulic Post Driver rams posts into the ground in one third the time or less than the original.

With a square post capacity of 10-7/8", the new HD-12 drives ties or corner posts up to 10' long with ease. 100,000 lbs. impact at full stroke assures better, faster performance.

It takes just seconds to set a post—even corner posts—in a single, fingertip-easy operation.

More tilt (25° side/side, 20° front/back) and hydraulic controls make it faster, easier to plumb posts with the new Shaver™ HD-12.

A heavy duty package, including replaceable sealed roller bearing

guides and inserts to extend spring life, is standard.

Both the sealed roller bearing-guides and similar hydraulic controls to plumb posts are offered as retrofit options for the two smaller Shaver™ Drivers which remain in the line.

A new Three-Point Assembly is adjustable from 25.0 to 40.5 inches to assure a snug installation. The new HD-12 is offered as a rear mounted unit only; the earlier HD-8 and HD-10 are available for either front or rear mount.

For further information on Shaver™ Drivers—or Diggers and DeepRRip® Minimum Till Plow Points—write Shaver Mfg. Co., PO Box 358, Graettinger, IA 51342...or phone 712-859-3293.

Heisey completes auction course

KANSAS CITY, MO. — Enos B. Heisey, Valley Road, Mt. Gretna, recently completed the course in Auctioneering and Auction Sales Management at Missouri Auction School.

He received his diploma and the honorary title of Colonel along with men and women auctioneers from throughout the United States, Canada, Australia, and South Africa.

The concentrated two-week course is conducted by Missouri Auction School at the World's largest auction training center in the Kansas City Stockyards. His training included lectures and workshops featuring prominent auctioneers from throughout America.

He participated in selling numerous public auctions in Kansas City and nearby communities in Missouri and Kansas.

Subjects covered included antique auctions, livestock, furniture, business liquidations, real estate, rare coin, auto, machinery, general merchandise, all types of estate auctions, and the rapid fire chant of the tobacco auctioneer.

Heisey is a native of Lebanon County and recently retired from Agway Inc., Syracuse, New York, as manager of public-agricultural relations.



Enos B. Heisey

Agway offers new oil-heating unit

SYRACUSE, NY — A new one-of-a-kind oil heating unit for forced air furnaces is being offered by Agway Energy Products in the northeastern United States.

The Eneroil Comforter Furnace and Comfort Plus flue gas condensing unit can cut fuel consumption by as much as 50%. Through a unique patented design, the unit utilizes almost all the heat normally lost up the chimney in conventional heating systems. In fact, so little heat is lost, that a chimney is not necessary. Combustion by-products are merely vented to an outside wall by a

Gehl hay rake is gentler, more thorough

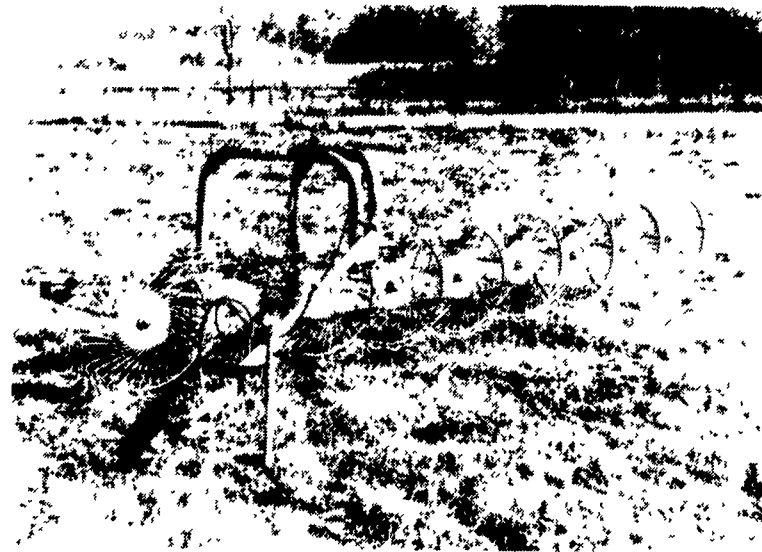
WEST BEND, WI — Gehl Company's new Model 207 fingerwheel hay rake features a unique design that provides faster and more complete raking and gentler hay handling than ordinary parallel bar rakes.

"The exclusive fingerwheel design—with overlapping fingerwheels—lets you get all your crop. And you get it clean because the long, flexible spring steel tines provide a finer combing action," says Jim Phillips, hay tools product manager.

The innovative design of the tines produces a "caterpillar" effect which lets them "walk" over the ground, gently combing the hay rather than brushing through it. "The individual tines walk around rocks and other obstacles and go into depressions to get all the hay, even on the roughest ground," says Phillips.

The closely-spaced tines radiate from center hubs, eliminating wind break effect, allowing dust to drift through. They flex along their entire length. "As a result, they last much longer than short, rigid tines," Phillips notes. "And no accessory wind guards are required to prevent crops from tangling around the wheel hubs."

Phillips emphasizes that the spring-loaded fingerwheels follow the contours of the ground independently of each other and of the main frame. This design



The fingerwheel action of Gehl Company's new Model 207 hay rake provides faster, more complete raking than ordinary parallel bar rakes.

feature greatly reduces extreme "bouncing" at high speeds.

Raking width and transport adjustments are made by positioning the drawbar and the left hand wheel. Adjustments can be made on the rake drawbar to position the rake behind the tractor. And four wheel settings provide a choice of raking widths.

A hydraulic cylinder, operated from the tractor seat, raises all fingerwheels to transport position

or lowers them to working position. All wheels lower and raise at the same time.

Two models are available: one with seven fingerwheels and a raking width of 12 feet; and one with nine fingerwheels and a raking width of 15 feet.

For additional information on the new Model 207 fingerwheel hay rake, contact Richard Burckardt, Gehl Company, West Bend, WI 53095, (414) 334-9461.

Manure separation system developed

PARIS, Tx. — Agro, Inc. announces the development of a complete manure waste separation system.

A company spokesman explains, "The new systems approach starts with our proven 7200 series manure solids separator and reclaimers. To each size separator reclaimer, we mate a manure slurry pumping unit of the same capacity. These pumping units incorporate our automatic recycle agitation and self-cleaning features."

When the manure slurry reception pit fills to a predetermined level, the slurry pump comes on by float switch.

For the first 120 seconds of pump operation, the full discharge of the pump recycle to provide pit agitation. The controller then diverts the pump flow to the separator.

When the reception pit is pumped out, the pump shuts down



The 7200 Series Manure separation system from Agro, Inc.

and activates the automatic cleanup system. The system is now ready for the next pumping.

For more information, call

Agro's toll-free number, 1-800-527-1030, or write Agro, Inc., Rt. 7, Box 100, Paris, Texas 75460.

Think weed control year 'round

CHICAGO — "The trouble we have with a lot of our herbicides is that they take out the early weeds, but don't stand up later in the season," says Dr. Richard Behrens, a weed scientist at the University of Minnesota.

While many pre-emergence herbicides are effective at controlling weeds that appear early in the season, postemergence treatments may be necessary for control of late-emerging weeds,

such as velvetleaf, giant ragweed and black nightshade. This is especially true in no-till or reduced tillage, where lower soil temperatures under heavy surface residue can delay the emergence of large-seeded broadleaf weeds.

Steve Hudson, an independent crop consultant in Rochelle, Ill., says residual, along with consistency of control and crop tolerance, should be considered when planning a herbicide program. He recommends farmers start with a good pre-emergence herbicide for grass control, followed by a postemergence herbicide for broadleaf weed control.

Popular programs include a pre-emergence application of Lasso or Dual, possibly mixed with atrazine, Bladex or a combination of the two for grasses, followed by Banvel herbicide or 2, 4-D early postemergence for broadleaf control.

Since its introduction in 1947, 2, 4-D has been widely used. But Hudson cautions that 2, 4-D can cause brittleness in corn, making it more susceptible to stand reduction from wind or cultivation. It also lacks residual control.

George Hoffmann, Velsicol

Chemical Corporation Product Development field representative, Urbana Ill., adds, "2, 4-D applied too early doesn't have any residual control for late-emerging weeds, like velvetleaf. But late applications of 2, 4-D are likely to stress corn."

Hudson, Hoffmann and Dr. Behrens recommend applying 1 pint of Banvel herbicide when corn is spike-to-5 inches tall for broadleaf weed control.

"Banvel will kill weeds emerged at the time of application, and it offers control until corn forms a canopy to shade out weeds on its own," explains Hoffmann.

Hudson says the 5 to 10 percent yield loss caused by velvetleaf or other later-emerging weeds more than justifies the higher-priced treatment with Banvel herbicide.

Hudson concludes that return on investment—getting full-season weed control, crop safety and consistent performance—is the factor that should dictate a good, planned weed control program.

"Banvel at 1 pint per acre gives growers a good return on their herbicide investment, says Hudson. "At the full-pint rate, I can't recall seeing any failures. We've never had to re-treat fields."