

“Grinder-Type” Moisture Testers Provide Quick, Accurate Readings

More consistent and accurate readings are promised by a pair of new portable “grinder-type” grain moisture testers recently imported from Europe. Both units let you test grain still hot from the dryer.

The Protimeter Grainmaster 900E, sold by GSF Inc., Des Moines, Iowa, measures both moisture content and temperature. It grinds and compresses a sample inside a



Grainmaster 900E grinds up grain before compressing it to take a reading.

chamber on top of the instrument. The unit measures the temperature to correct the moisture reading. An LCD displays the reading.

“It’s more expensive than conventional handheld grain moisture testers but is much more accurate and reliable because the grain sample is ground and compressed to a known density,” says Richard Flaugh, GSF Inc. “It’s difficult for handheld units to accurately measure moisture in grain during harvest and after it comes out of the dryer because the moisture isn’t distributed evenly within the kernel. The outside skin isn’t at the same moisture level as the rest of the kernel. The only way to get a true measurement of moisture is to grind the sample and compress it evenly.

“It doesn’t take long to pay for the unit because if you overdry you lose money to shrink and extra drying costs. If you underdry, three months later you may have grain quality problems.”

The unit can take an average of up to nine measurements and has individual buttons for

the selection of four frequently used crop calibrations. You can keep a record of important moisture measurements by connecting the unit to a printer.

An optional temperature probe can be plugged into the unit to measure temperatures in stored crops.

Sells for \$875.

Contact: FARM SHOW Followup, GSF Inc., 6280 N.E. 14th St., Des Moines, Iowa 50313 (ph 515 289-1097).

The Super-Tech 3000 digital moisture tester is equipped with a pair of built-in measuring cups that are used to put a uni-



Super-Tech 3000 is accurate to within 0.5%.

form size sample in the grinding chamber. You turn the handle to grind the sample, then press “test” and wait a few seconds to get the moisture content. The unit automatically compensates for temperature and shows you the average of up to four previous tests on the same crop, while displaying the reading for the current sample on a 2-line display. It’s accurate to within 0.5% except for corn that has a moisture content over 29%.

A steel cleaning brush is provided for cleaning the two grinding parts. Comes in a shockproof carrying case.

The 4 3/4-in. wide, 9 1/2-in. long unit is made from shockproof plastic. It weighs 2 lbs. 14 oz. and is powered by a 9-volt battery. Comes with a 2-year warranty.

Sells for \$359.

Contact: FARM SHOW Followup, Husson Inc., 230 Old Pine Circle, Racine, Wis. 53402 (ph 414 681-1960).



PUG ATV can be fitted with an add-on bale spear and hydraulic cylinder for hauling bales.

4-WD “ATV” Bale Hauler

The 4-WD PUG ATV utility vehicle is an attention-getter by itself, but when it’s hauling a round bale it really turns heads.

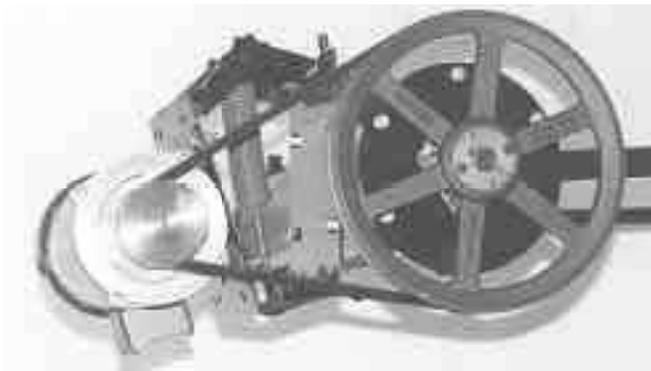
The rig, manufactured by CheTek Co., Chetek, Wis., comes standard with a dump box that attaches to the rear frame. A new add-on bale spear and hydraulic cylinder replaces the dump box, making it possible to lift and transport bales weighing up to 1,500 lbs. You pull two pins to remove the box and bolt the bale hauler on, then quick couple the same hydraulic hoses used to

operate the dump box.

“It works terrific in muddy conditions,” says a spokesman. “The spear tilts the bale back at a 30 degree angle for transport. To unload you simply lower it to the ground and drive off.”

The PUG is available with a wide variety of attachments and sells for about \$12,000. The add-on bale spear sells for \$500.

Contact: FARM SHOW Followup, The CheTek Co., 430 Phillips St., Box 738, Chetek, Wis. 54728 (ph 715 924-3192).



Automatic tensioner keeps even tension on V-belts to eliminate normal adjustment.

“Tensioner” Keeps Belts Tight All The Time

You can keep proper tension on V-belts at all times with this automatic tensioner introduced by Greimann Accu-Spray at the recent National Farm Machinery Show in Louisville, Ky.

It consists of a special spring-loaded 8 by 10-in. motor mount that bolts, clamps, or welds to the side of any belt-driven machine such as an auger. It’s shaped like a scissors

jack. You first set tension manually using a draw bolt on back. Then a 6-in. long spring automatically keeps tension where it’s set for as long as the belt’s on the machine.

Sells for \$65.

Contact: FARM SHOW Followup, Greimann Accu-Spray, 2029 Mallard Ave., P.O. Box 483, Sheffield, Iowa 50475 (ph 515 892-4778 or 4168).

Guide Lights For Unloading Crops

Add-on guide lights mount on any combine or tractor to let the operator signal directions - as he loads on-the-go - to the driver of a wagon or truck.

Four amber lights mount on a 14-in. diamond-shaped steel panel. The lights are powered by the tractor or combine’s 12-volt system and are individually activated by a pair of toggle switches in the cab. The top light tells the wagon hauler to move ahead, the bottom light to move back, the left right to move closer, and the right light to move farther away.

“It eliminates the need for hand signals, CB’s, or costly phones,” says Irv Johnson, Cassie Co., Argyle, Minn. “We provide 14 ft. of cable as well as all necessary hardware and electrical wiring.”

Sells for \$150 (plus \$10 S&H).

Contact: FARM SHOW Followup, Cassie



Guide lights make it easy to unload grain on-the-go.

Co. Mfg., 111 West Third St., Argyle, Minn. 56713 (ph 218 437-8329).



Mini baler makes 3-ft. wide, 2-ft. dia. bales. A 3-pt. hitch wrapper is also available.

Mini Round Baler And Wrapper

In recent years FARM SHOW has reported on a couple of foreign-built mini round balers. Readers frequently ask if these innovative units are available in North America.

Now a Texas company is marketing an Italian-made mini round baler that makes 3-ft. wide, 2-ft. dia. round bales. A 3-pt. mini bale wrapper is also available.

The R500 baler makes easy-to-handle bales weighing 40 to 100 lbs., depending on hay density. The baler has a fixed chamber equipped with steel rolls. A siren sounds

once the bale hits a pre-set density. It takes only three seconds to net wrap and then eject the bale. The net wrap is started by simply pulling a rope (automatic bale wrap is optional).

The baler sells for \$9,098. The plastic bale wrapper sells for \$4,200.

Contact: FARM SHOW Followup, TAS Equipment Co., 722 S. Kimball Ave., Southlake, Texas 76092 (ph 817 421-1315).