



## “Header Hood” Controls Debris, Improves Visibility

When Otto Huygen bought a Kehoe air reel for his Case/IH Axial Flow 1666 combine in 1988, he couldn't believe the amount of dirt and debris that swirled up and piled on top of the feederhouse.

“The air reel blows debris up on the feederhouse blocking visibility and causing feeding problems when the pile slid down onto the header,” says the Mitchell, Ontario, farmer. “I came up with a simple, inexpensive way to keep 99% of the trash off, so you can see what you're doing.”

Huygen made a “header hood” to control debris and dust out of a spring-loaded canvas truck tarp stretched across the gap between the cab and bottom of the feederhouse.

The 5-ft. wide piece of canvas covers the full width of the 7-ft. feederhouse. It's supported by a set of 2 by 2's under the upper and lower edges of the canvas. Two 6-in. springs anchored under the cab attach to the upper 2 by 2.

“When you lower your header to combine soybeans or white beans, the springs pull the canvas ‘hood’ tight so all debris slides back into the header or off to the side onto the ground,” Huygen explains. “I've used it since 1988 and it works great. Best of all, it cost only \$30 or \$35 to make.”

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## Cheap Hog Waterer

“Last spring my son's 4-H pigs got sick and the vet recommended medicating their water for several days. This was a problem since they were on an automatic water fountain,” says David D. Writsel, Washington, Ohio, who solved the problem by putting together a temporary stand-alone waterer.

“I bought a nipple waterer and drilled out the restrictor. I screwed the nipple into the small hole of a rinsed-out 55-gal. drum,

then hung the empty drum from the rafters of the barn from wires wrapped around either end of the barrel. I filled the drum with medicated water through the large fill hole on one end of the barrel.

“For less than \$10 I came up with a 50 gal. hog waterer.”

Contact: FARM SHOW Followup, David Writsel, 2540 Wood Rd., Washington, Ohio 43160 (ph 614 495-5765).

## Alternative To Digging New Well

“When we moved onto our family's homestead, the shallow, small casing well wasn't suitable for our needs, often losing prime. Digging a new well in this area can cost as much as \$10,000. As a result many families have treated water delivered by a local delivery service for a penny a gallon,” says Harry Batdorf, International Falls, Minn., who came up with an inexpensive alternative to digging a new well that lets him use all the water available from his well and keep the use of purchased water to a minimum.

“I bought a new 1,100 gal. plastic tank for \$500 and a new pump for \$179. I left the well pump intact so we can use both systems simultaneously to supply the house with a blend of well water and treated water. At first the well pump didn't run much so water in the 1,100 gal. tank was being used up quickly.

“By restricting flow from the tank pump with a 3/4-in. ball valve, I got the well to supply its maximum before the tank pump kicks on. Determining how far to close the ball valve was easy after I installed inexpensive pressure gauges on each pump. I didn't touch the pressure regulator on either pump.

“Now the well can't lose prime as long as there's any water in the 1,100 gal. tank. Bathroom water pressure stays constant. I estimate we use four parts well water to one part delivered water. We have about 1,000 gal. of water delivered a month.

“Later I added a separate line and faucet from the tank to the kitchen sink because we prefer treated water for coffee and for cooking.”

Contact: FARM SHOW Followup, Harry Batdorf, Rt. 9, Box 554, International Falls, Minn. 56649.



## New “Two Gun” Pressure Washer

If you've been thinking of getting into a sideline “be your own boss” business to supplement your farm income, take a look at custom high-pressure cleaning with a new Voyager “two gun” hot water pressure cleaner.

Designed for all doing all types of cleaning, it's self-contained, easy to operate and will handle the toughest cleaning jobs at low overhead expense, says Samuel Lloyd, inventor-manufacturer.

In addition to double gun control, with 150 ft. of hose on each gun, the new Voyager IX boasts 3,000 psi operating pressure, 1,000 gal. water capacity, a 750,000 btu oil fired heater, a 4,000 watt generator, a 45 amp alternator, a Triplex water pump rated at 9 gpm's, and a 27 hp Deere engine with 12V electric starter. The portable package, mounted on a trailer, sells for \$30,000. A smaller model VI with single gun control

and fewer features sells for \$20,000.

Water for cleaning jobs is heated to about 175° F. “The combination of hot water and high pressure gives the Voyager its tremendous cleaning action,” Lloyd points out. “Farm-based custom operators are doing a wide variety of custom cleaning jobs, such as blasting graffiti from the sides of buildings, stripping buildings prior to painting, cleaning livestock and poultry barns, sand-blasting, and cleaning out sewer lines.

“You can earn \$100 per hour or more, depending on the job, by owning your own Voyager cleaning business,” says Lloyd. “Most of our clients are able to pay for the entire Voyager program, including cost of equipment, within 18 to 24 months.”

Contact: FARM SHOW Followup, Chempure Products, Voyager Div., 141 Central Ave., P.O. Box 740, Bolivar, Ohio 446112 (ph 800 288-7873 or 216 874-4300).

## Powered Parachute Pays Off For Farmer

“Once you try it you'll be hooked forever,” says Mark Peterson about his powered parachute which he bought for both work and play.

He uses it to fly 300 to 600 ft. over his crops, scouting for problems in his 2,500 acres of corn, wheat, soybeans, sorghum, pasture and hay.

Between field scouting and “just having fun,” Peterson put 50 hours on the aircraft last year, the first year he had it.

He bought the machine from Total Freedom (1405 Pennington Ave., Edmond, Okla., 73003; ph 405 340-3379). It looks like a two-seater go-cart suspended under a 36 1/2-ft. wide parachute. A three-bladed propeller in back turns at up to 6,500 rpm's to keep the craft airborne.

It's powered by a 46 hp German-built Rotax gas engine. It uses 2 1/2 gal. of fuel per hour and gives the aircraft a top speed of 26 mph. It'll climb to several thousand feet and is steered with two foot-operated rudders, which change drag on back of the 500 sq. ft. parachute. A hand-controlled throttle speeds up and slows down engine rpm's.

The 245-lb. aircraft can take off and land almost anywhere in about 100 ft., Peterson says.

“In the 15 years they've been around, powered parachutes have established the best safety record of any ultra-light on the market, but they do take a little common sense to operate,” says Peterson who'd never even been in an airplane before he bought the craft. For example, he notes it should never be flown in winds exceeding 15 mph.

“It's excellent for checking cattle in pastures, finding stray cattle, and for spotting



emergence and disease problems in crops,” he says. “Because of its openness and slow air speed, it's also great for aerial photography and video taping.”

Piloting the craft doesn't require a license, just a desire to fly, he notes.

“I'm real happy with mine,” he says. “I just wish I had more time to use it.”

Contact: FARM SHOW Followup, Mark Peterson, 929 SW 80th Rd., Liberal, Mo. 64762 (ph 417 842-3221).

Rigs like Peterson's sell for \$9,000 to \$10,500. Here are a couple of other Midwestern dealers:

Heartland Parascender Inc., R.R. 1, Box 38B, Oakford, Ill. 62673 (ph 217 635-5729).

Hop's Powered Parachutes Inc., 20451 N. County Line Rd/Tyler, Walkerton, Ind. 46574 (ph 219 586-3580).