



Photo courtesy Harrowsmith Magazine

Belzer's 1,500 lb. Clydesdale horse easily outpulled the 12 horsepower Yamaha "Tri-Moto".

COMMON WORKHORSE VS. YAMAHA'S 12 HP. TRI-MOTO

Truth In Advertising

Despite a Yamaha advertisement to the contrary, it has been amply demonstrated in Canada that a Yamaha 12 hp Tri-Moto cannot outpull a single common workhorse.

The copy in Yamaha's ad reads: "... more pulling power than the faithful workhorse ... takes you anywhere a workhorse might not ... so workhorse move over."

Secretary-Treasurer of the Nova Scotia Percheron Horse Association, Ed Belzer, of Shubenacadie, N. S., saw the ad in the Canadian magazine Harrowsmith and wrote the editor, challenging Yamaha to a public test.

A Canadian TV producer read the letter and arranged for a "show-down" pulling contest, held at the Halifax County Exhibition, Musquodoboit, N. S. The event was filmed and appeared on the popular Canadian television show, "Live It Up," which regularly challenges advertiser claims and product authenticity.

"It was no contest. The horse casually walked away with the Tri-Moto," says Belzer. "At first, the horse just

stood there while the Tri-Moto spun its wheels. Then, the horse took off on the run, pulling the Tri-Moto backwards, with its wheels spinning and the dust flying. It was quite a show, and the crowd of about 2,000 roared their approval!

"The whole affair took only about 20 min.," adds Belzer. "The Tri-Moto driver was experienced, and the Yamaha dealer actually sent a larger Tri-Moto than was mentioned in the ad."

The horse, a 1,500 lb. Clydesdale, had pulling contest experience. After the Tri-Moto lost the first round, shown in the photo, a 20 ft. chain was used to link the two "contestants" to eliminate any advantage the horse might have had due to its height, perhaps lifting the rear of the Tri-Moto. Again, the horse won with ease.

Says Belzer: "The Yamaha advertisement was completely misleading and false. A pony, and not a very large pony at that, could easily outpull the Tri-Moto."

SPEEDY SERVICE WHEN TIME IS MONEY

Implement Dealer Delivers Parts By Helicopter

Moore Equipment, of Dresden, Ohio, promises fast repair and parts service to its farmer customers — and really means it. Breakdowns in the field can be serviced "on the spot" in a matter of minutes, thanks to the firm's helicopter parts delivery service.

For the last five years, owner Kenny Moore has been flying parts to his customers in an F-28 Enstrom helicopter. The aircraft travels at 120 mph and can land in any field or farm yard. It can carry a payload of 300 lbs. in addition to the pilot.

Moore says that the helicopter service has paid for itself every year since he started it. "The pay-off is in picking up more customers over a

wider area and making more sales. Last year, for example, I got a new customer 40 miles away even though he has three dealers within 8 miles of his farm. The difference was that I can provide fast service and they can't," he says.

What does it cost to have helicopter delivery?

Moore's present helicopter cost about \$120,000 new and has been running with minimum maintenance for three years. It costs about \$40/hr. to operate.

Moore delivers parts to his customers in a 50-60 mile radius of the shop. That makes it about a 30-minute trip. He also flies to pick up parts from the

BORN IN FARM WORKSHOP 50 YEARS AGO

Wind Powered Tractor

By Chris and John Meissner

Jim Bradley, of Milestone, Sask., held a carefully constructed graph of prairie wind velocity and tapped it occasionally for emphasis. "You study that awhile; you can see that there is more power in wind than in anything we have, more than our coal mines, water power or anything else. And it doesn't pollute, it's inexhaustible, unlimited and available anywhere — especially here."

He should know. In the summer of 1931, Bradley, now 81 years old, worked up a nice seed bed on his farm with a homemade wind powered tractor.

"There was no shortage of gas or oil back then, just a shortage of money, so I rigged it up as an experiment," Bradley recalls. The base was the bottom of an old Fordson tractor which supported the 12-foot tower that held the blades. The tractor could travel against as well as with the wind with the four large blades turning a gear that powered the drive-shaft, controlled by a clutch assembly just above the tractor on the windmill tower. In a normal wind the whole apparatus would chug along at two miles per hour pulling a small plow. Not bad considering the whole thing weighed in at three tons.

"The biggest problem was its tendency to tip. The front wheels would lift right off the round," Bradley added with a laugh. This was remedied by the addition of two steel beams to the front, giving the tractor more stability and more weight.

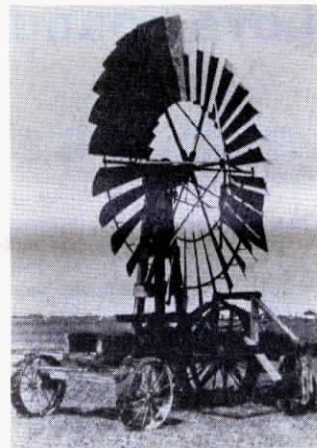
What Bradley really had in mind was an automatic tractor that would run itself, starting as the wind picked up and moving with its fluctuations. Steering would be handled by a device that followed the ridges of soil left by the discs which ran along side of the plow, a plan that may be limited to Saskatchewan with its level and limitless horizons. He actually



With a normal wind, Bradley's 3-ton tractor chugged along at 2 mph.

did build an automatic tractor, a gas-powered one modified to plow in big concentric circles while he went home for lunch.

Wind Powered Plow



Two years ago, FARM SHOW featured this wind powered traction plow invented by a Texas farmer 70 years ago.



Moore's helicopter travels at 120 mph and can carry a payload of 300 lbs.