



Harry Lee's "newest" tractor is a 1956 factory-built prototype from Garrett Mfg. It's called the Twin Drive 400 IHC diesel.

Rare Side-By-Side Tractor Completes Lee Collection

Over the years FARM SHOW has published a number of stories about the amazing tractors built by Harry Lee of Elnora, Ind. After retiring from farming, Harry built nine different one-of-a-kind tractors. Most are replicas of prototype tractors made by different tractor manufacturers. All of the tractors are in working condition.

Now 83 years old, Harry recently sent us photos of his "newest" tractor, which he did not build but which fits right in with his collection. It's a 1956 factory-built prototype from Garrett Mfg. of Enumclaw, Wash., and is called the Twin Drive 400 IHC diesel. Two tractors with identical engines mount side by side. The tractor has two transmissions, and each engine drives its own set of wheels. Harry bought the tractor in January 2002. He hauls the tractor - along with all his other home-built models - to shows throughout the U.S.

"It handles beautifully. I really enjoy driving it, especially since I built my own Farmall F-20 twin engine tractor that is somewhat similar," says Harry. "The diesel engines each have about 60 hp. At the time it was made, it was the largest farm tractor equipped with rubber tires and weighed 15,380 lbs. When I first got the tractor I used it to pull a 4-bottom plow and a 15-shank field cultivator. Now demonstrating it at shows is my full-time hobby.

"The tractor was originally owned by a Washington farmer who used it for 30 years. He estimates the tractor traveled about 96,000 miles during its career in the field. Garrett Mfg. repurchased the tractor from the sons of the original owner in 1985 and then two years ago I bought it from them. The engine was overhauled once, and the original tires were replaced after they wore out. Otherwise, it has required only routine maintenance."

To honor the original builder, Harry left the Garrett name on both sides of the tractor. "Mr. Garrett is 87 years old now but he still stays in touch with me," says Harry. "For him it's a great thrill to know his tractor is still out there in the public eye and that people recognize him as the builder. He recently sent me a check for \$100 and told me to take my wife out to dinner."

Harry recently drove the tractor in a parade at the National Red Power Show in Mt. Pleasant, Iowa, and also demonstrated it in a tractor pull. "I did a corkscrew spin by putting one side of the tractor in reverse and the other in forward and went around and around like a doughnut. A lot of people used their video cameras to film the event. It seemed like everyone had a video camera. After the pull, one guy came up to me and said he would like to have had all the money that was spent on video film that day."

Lee has appeared in shows as far away as

More Tractors Owned By Harry Lee



Triple-30 uses all F-30 Farmall components from 1937 to 1939 models.



F-20/40 Twin Power.



Special Farmall prototype 1927 Regular has a single front wheel.



Forerunner of the Regular Farmall was originally built in 1922.



A 1936 Model F-30 Farmall restored and converted to single front wheel assembly.

Florida and Texas. After this year he will cut back considerably.

Contact: FARM SHOW Followup, Harry Lee, P.O. Box 119, Elnora, Ind. 47529 (ph 812 692-5216).

Automatic Septic System Heater

A lot of septic systems have frozen up during the past couple of winters in the northern states and Canadian provinces due to light snow cover. A Minnesota inventor says his new septic heater automatically solves the problem.

Chris Norgaard came up with the idea after his own septic tank froze two winters ago.

The unit consists of a 38-in. long, 4-in. dia. poly tube enclosing a fan and heater as well as a 3-in. dia. stainless steel pipe. The bell end of the tube slides over the access pipe above a septic tank, lift station, or drop box in the drainfield of a septic system. It blows warm air down into the system. The air is naturally vented out the existing main vent of the home or cabin. (If the system has 6-in. dia. riser pipes, an adapter is needed).

The heater turns on and off automatically based on a waterproof sensor that hangs a couple feet down into the pipe. The heater activates based on the temperature of the water in the drop box or the temperature of the tank and is activated when temperature drops to 35 degrees. It blows 140 degree air into the septic system. Once the temperature reaches 45 degrees, the heater turns itself off.

Indicator lights on the outside part of the pipe allow you to see if the heater is working without leaving the house.

"It takes just minutes to install," says Norgaard. "We designed the system a year ago and placed 13 units throughout Minnesota and Alaska last winter for testing, with positive results. It's a lot more dependable than placing hay or straw over the septic system and also a lot less work. It sells for \$795 including S&H. However, it can cost a lot of money to have someone come out to pump out your septic tank or jet or steam the pipes. You don't have to worry about damage to the



Chris Norgaard says his new septic heater automatically keeps septic systems from freezing up during the winter. It blows warm air down into septic tank.

septic system or to your basement. And you gain the peace of mind by knowing you can go somewhere during the winter without worrying that your septic tank will be frozen when you come back."

Contact: FARM SHOW Followup, Septic Heater Co., 12141 Gates Ave., Northfield, Minn. 55057 (ph 888 417-3784 or 507 649-0831; email: chris@septicheater.com; website: www.septicheater.com).



Rock digger mounts on Rausch's Cat Payloader. Its two 6-ft. long teeth can penetrate the ground to a depth of 2 ft. and dig out rocks up to 6 ft. in diameter or even bigger.

Rock And Tree Digger Makes Big Jobs Easy

Brent Rausch made a heavy duty rock and tree digger for the front of his 928 Cat Payloader and now he has no problems removing trees of any size, or digging out rocks up to 6 ft. in diameter or even bigger.

The Hoven, South Dakota farmer does a lot of custom loader work with his rig, and says it's a lot faster than before because he doesn't have to dig a big hole to move a tree or rock.

"There are 3-pt. hitch attachments available, but in my opinion they don't work as well. I don't know of anything on the market that you can get for a payloader," Rausch says. "This attachment has two 6-ft. long

teeth that are spaced 20 in. apart. They're made from the loader arms off of a 966 Cat Payloader. They're 2 1/4 by 12 in. and 6 ft. tall, and they penetrate the ground 2 ft. The whole tooth assembly weighs over 2,000 lbs."

Rausch had a local welding shop cut the loading arms to make the teeth. They hard surfaced the bottom 2 ft. of the teeth. He also made a quick-tach bracket to go on the payloader.

"It works great," he says.

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