

## Eskridge S7848 Maximizes CAT Horsepower

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*Rusty Wayne , Owner, Wayne Buildings , Cincinnati, Ohio*

CINCINNATI— Wayne Buildings increased drilling speed 30 to 40 percent by switching to an Eskridge auger drive on a CAT skid steer.

"This is the best drilling arrangement that exists anywhere in the U.S. for this size of machine," said Rusty Wayne, owner of Wayne Buildings.

Wayne Buildings erects pole and beam buildings around the country. A fundamental part of the process is drilling holes and pouring concrete piers as a foundation.

In an effort to increase productivity, Wayne Buildings recently upgraded to a new CAT 248 skid steer. Wayne needed to maximize the full horsepower that the CAT could deliver. He turned to Eskridge for an auger drive solution.

After reviewing the application, Eskridge suggested the model S7848 equipped with the Sauer variable displacement motor.

This combination allowed Wayne to take advantage of the power that is available from the High Flow-load sensing hydraulics on the CAT. In addition, the drive head will automatically adjust to the torque requirements of the digging conditions.

"If you need speed, it will give you speed," Wayne said. "If you need power for rock, it will get down and grind. This system couldn't work any better. The auger drive is ready to change when the conditions change."

"It's hard to estimate the increase in productivity," he said "You really don't know how many times in the past a rock would stop the digging operation and you would be forced to get the jack hammer out and chip at it."

Now, with the Eskridge S7848, the digger cuts through the rock or pulls it up so there isn't any interruption in the work. On easy drilling, the high revolutions per minute make it faster than it was before.

"I can easily be conservative and say that we are now 30 to 40% faster than we used to be," Wayne said.

### ***Prime mover:***

Caterpillar model 248 skid steer  
High Flow-Load Sensing hydraulics  
4900 PSI and 40 GPM

### ***Eskridge Product:***

S7848-5P5F70R

### ***Specifications:***

12,000 ft-lb torque  
2.5" hex output shaft  
28,000 pounds shaft pull out force  
Sauer/Sundstrand bent axis  
variable displacement motor



**Rusty Wayne takes a break with his dogs at a job site in Ohio. He uses the Eskridge S7848 auger drive on a CAT 248 skid steer to drill holes for building foundations.**