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**The fastest, strongest wood splitter on the market!**

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**Reader Inquiry No. 63**

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## Kile<sup>®</sup> Concave System

The patented Kile<sup>®</sup>concave system offers unique and useful options for harvesters. Our concaves are less aggressive in threshing allowing crops less damage while thrashed and open enough not have rotor loss. The concave cross bar (simwire<sup>®</sup>) are made of a high wear steel and come in a variety of different openings, for uses in small grains to corn and beans. These concaves have been designed to have a cover plate if the harvesting conditions should require that. For our flagship concaves, we also offer separating grates for the third and fourth position. These assist in helping to reduce rotor loss.

The concave system is designed for Deere STS, Case 60 series, 80 series and Flagship combines.

Owner/operators are invited to visit Kile Mfg.'s website for more information.

Contact: FARM SHOW Follow-up, Kile Manufacturing, 401 Squires Road, Rosalia, WA 99170 (ph 509-569-3814; info@kilemfg.com; www.kilemfg.com). New dealer inquiries welcome.

**Reader Inquiry No. 12**

## He Built His Own Mini Street Sweeper

**Davis designed and built his own street sweeper that runs on a 4 1/2 hp. gas engine.**



When the street sweeper drives past Jerry Davis' Princeton, Minn., home in the spring, there's nothing to sweep. He's already taken care of it with his mini sweeper.

"During the winter, the trucks sand the roads, and in the spring, they sweep the sand into the ditches and yards. So as not to have the sand accumulate and cover the grass, I use the pickup sweeper to remove the debris before the trucks get there," Davis explains.

In the 60's, he worked at a company that built industrial sweepers, so Davis understood what he needed. He took his plans to a sheet metal worker to build the exterior, but

Davis built the frame and the brush.

"I brought six 6 by 36-in. strip brushes from Grainger (plastic fibers set in metal) and created a 16 by 36-in. cylinder with the attached strips," he says. Davis tried different chains and sprockets to get the right rpm's so that the brush picks up the sand and throws it into a hopper in the back of the machine. He turns the brush with a 4 1/2-hp. gas engine.

Davis makes about three passes on the street in front of his property and overlaps in front of his neighbors to remove sand and debris that would likely be thrown on

the grass with an industrial street sweeper.

"My sweeper will hold about 15 gals. of sand, then I drive it to where I want to dump it and just lift the hopper (hinged on top), and the sand falls to the ground," he says. Davis adds he's also used it on his lawn to pick up grass and leaves.

It's worked very well, he says, and he hopes to replace the gas motor with a quieter electric motor.

Contact: FARM SHOW Followup, Jerry Davis, 12712 313th Ave., Princeton, Minn. 55371 (ph 763-389-1217; jjdavis2465@gmail.com).



**6 by 36-in strip brushes throw sand into a hopper in the sweeper.**