



Powered "platform" has 4 hydrostatically-driven wheels.

"Tractorless" Power Unit Unveiled

Saskatchewan inventor and manufacturer Norbert Beaujot is a big thinker. Several years ago he started asking himself why everyone is trying to make tractors "driverless". Instead, he thought, let's get rid of the tractor altogether.

According to a report in the Manitoba Cooperator, that's exactly what he's done. For the past 3 years Beaujot, who is the president of grain drill manufacturer SeedMaster, has been working on an au-



Grain drill (right) was designed to fit platform, which drives under and lifts it into place before heading to the field.



Once docking is complete, the computerized platform can be controlled by a remote operator or it can run itself, controlled by GPS.

tonomous "field implement platform" that eliminates the need for a big 4-WD tractor by essentially turning drills and other equipment into self-propelled units.

Beaujot says a big 500-hp. tractor uses about a third of its power just to move itself through the field and it needs to be weighted down to pull whatever is hitched behind. With his power unit, the weight

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Magneto Rebuilder Trades For Cores

If you need a magneto rebuilt, you could get it done free if you have enough extra magneto cores to trade. Rudy Calin has worked on practically every type of magneto from big horseshoe magnet antiques to Fairbanks Morse and Wico units. He has rebuilt magnetos for old cars, trucks, tractors, motorcycles, hit and miss stationary engines, and even small, single cylinder gas engines with external magnetos. He always needs old cores.

"I've been rebuilding magnetos for 20 years," says Calin. "I can test, diagnose, fix or completely rebuild most any magneto. I have most parts on hand, and in rare cases where the parts are not available, I may be able to repair the damaged parts."

He charges \$45 plus parts for a basic rebuild. Calin says his stock of parts and equipment sets him apart from other magneto repair services.

In addition to magnetos, Calin also works on carburetors. He beadblasts and



These photos show Calin magnetos before and after they're rebuilt.

repairs them, replacing any damaged parts. "I've worked on all makes and models," he says, including: Deere DLTX, (single & dual induction) TSX, TRX, all International IHC carbs, all Zenith carbs for Deere, Allis Chalmers, Oliver, Case, and more.

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of seed and fertilizer - or whatever you're carrying - provides the traction needed.

The U-shaped machine has 4 hydrostatically-driven wheels. It's designed to slide right under and around big grain drills, sprayers, grain carts, and more, lifting them hydraulically into place on the frame. The computerized platform can be controlled by a remote operator or programmed with GPS

to automatically work a field. It shuts off automatically if it deviates from its planned path or runs into an obstacle.

Beaujot says the new system reduces the capital cost of equipment and saves both fuel and labor. He plans to conduct field tests throughout 2017 and release it to a select number of farmers in 2018. For more information, go to www.seedmaster.ca.