

The GT SPREADER

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The Beginning, Not a New Idea



- Tim Hudson, a farmer, inventor, and gravel hauler, had to sub contract loads to other operators with the tools to conduct a slow speed aggregate spreads.

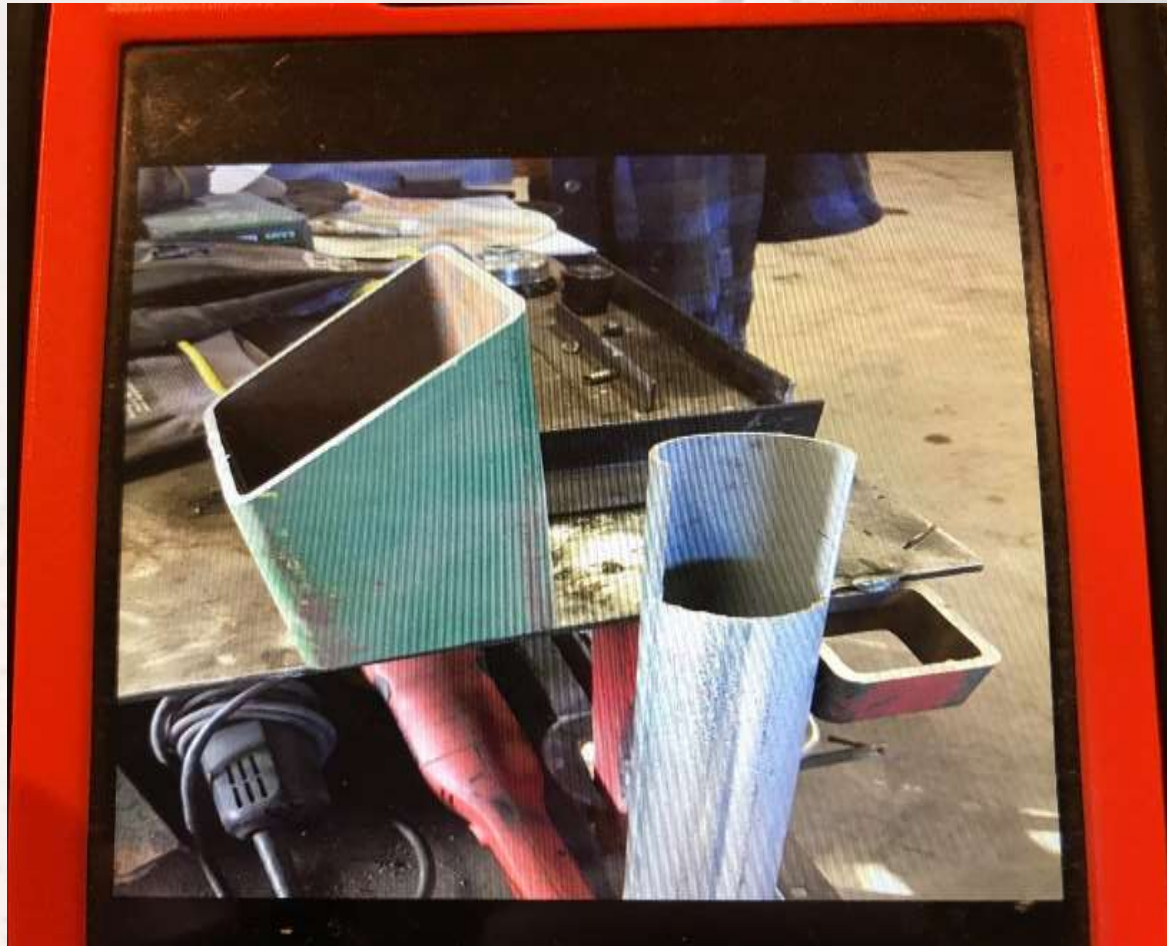
The Beginning, Continued

- Tim put salt on his counter and spread it with cardboard until he had what he believed was the correct blade idea. He built a bench top prototype and moved on from there.

Prototyping

- Prototype 1 was drawn out on a piece of paper and Tim cut the pieces from an old oil pipe line and scrap metal for the first ever aggregate spreader/push block assembly.

Bench Top Prototype



Old Oil Pipeline



The Original



- 2 Hydraulic cylinder configuration (wet kit)
- Heavy construction, made out of an old oil pipeline
- Built directly on to the 1997 Midland

The Original Continued



- Plasma cut pieces
- Nearly 1000 lbs.

Round 2, Air Operated



Problems, and More Problems

- The Air Cylinder was not near as effective as hoped
- Poor directional bracing
- Dual chain adjustment was a real pain.
- Crushed Beer Cans perfectly

Close, But No Cigar



A New Beginning

- We started intensive testing.
- Documented the failures and
- Redesigned the GT platform into the GT Spreader II.



New Design Features



Features Include

- The GT II has a strong, and functional push block, reinforced with precision laser cut gussets and bracing.
- The step broke blade is 16” tall, 95” wide. The entire GT Spreader is approximately 550 lbs., including adapter plate.

Load Compensation

- The GT Spreader uses the full stroke our new and larger pneumatic air cylinder.
- The GT Spreader uses our Load Compensating Technology (LCT) to accommodate for spring or air ride suspension systems.

Design Features Continued



- The GT Spreader retracts into a fully functional bumper that exceeds D.O.T. Specifications.
- A grade 70 single chain adjustment port ensures you can safely lock out or adjust your blade angle depending on your project.

Adapter Plate Concept



Development of the Genesis

- New way of doing adapters
- Correct Angles/Gusset
- Minimal flex
- Per Trailer Manufacturer Specifications

Torsion Pieces



How It Has Helped Us

- No more making a second trip to grade the pile left by the “The New Guy”.
- This is not a necessarily a finishing tool. Your grader operator will not have to travel to the other side of the county on a Friday evening to fix that inevitable mistake.

Most Importantly

- Liability is greatly reduced
- Road is immediately drivable



What you Get

1. GT Spreader
2. Genesis Adapter Plate
3. Hose Kit/Control Valve
4. Operator Manual with Warranty
5. Our knowledge and experience, 5 years of use and development.

WWW.MYGTSPREADER.COM

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