

Moving into the 21st Century

with an eco-system healing tillage, planting, and fertilizing system

THE CURSE-BUSTER equipped with the EAGLE TINE SYSTEM

Introduction

History tends to repeat itself someone once said because we have failed to learn from the lessons of history. My experience is that the winners get to write the history books we read, so history repeats itself because we probably never *really* get the true history.

The revolutionary technology conceived in the mind of God and imparted to a man named Peter Bannan, close to 30 years ago, is a bit like our world history. A great deal has been done to destroy the knowledge of this incredible tillage technique. Many hours could be spent telling sordid tales of various ways this simple machine has been misused, and distorted. For the most part, as a result, the tillage form has become a mockery in the minds of many agricultural professionals and farmers in North America. That is changing.

Our family has embarked on a new adventure to bring the Bannan original into the most challenging time for the food production system in modern history. We count it a privilege to introduce improved technology which has clearly proven its value on limited numbers of farms in North America for nearly 25 years. What follows here is a detailed description of the machine called **Curse-Buster** which takes advantage of the best traits of the Bannan invention and adds features and enhancements that make the best better.

Soil Regeneration

Our company brings over 30 years of work with the original vertical tillage machine to your tillage decision-making. We support our product with related crop management skills gained from working in most of the farming conditions in North America. Over that period of time we have been privileged to document complete reversal of the soil depletion phenomenon so typical of modern agricultural methods. We offer a 90-minute DVD which will permit *you* to see the changes that have taken place on a North American farm that has used no other form of tillage since 1985.

Virtually all other crop and soil management practices have remained unchanged throughout the period.

We offer the www.soilcursebuster.com website for your further information on the Curse-Buster machine and related agronomy skills for helping you move to a truly sustainable biological cropping system.

Introducing "Curse-Buster"

To put it in a nutshell, with the help of innumerable friends, family and associates we have taken what we have learned from working with this technology in the USA and Asia and created a cleanly designed, incredibly effective and nearly indestructible machine to meet virtually any requirement for tillage.

A Brief History

Our first attempt at reintroducing the original aeration tine geometry began in 2000. The original was registered in the US in 1983 and reproduced under license for the agricultural and turfgrass market by Holland Hitch, aka AerWay. The AerWay company abandoned the original tine geometry for agricultural applications in 1988.

The 2000 redesign of the tine achieved its own US patent in 2005. It included enhancements to the shape for improved action and strength as well as the basic Bannan features. This is the production tine on the TG Schmeiser Smart-till.

Now Curse-Buster pulls all of this together to present the most advanced plow-layer deep vertical tillage machine in the world.

Curse-Buster has the proven ability to transition farming operations out of chemical dependence into sustainable biological systems.

Getting Down to Basics

What is so special about Curse-Buster?

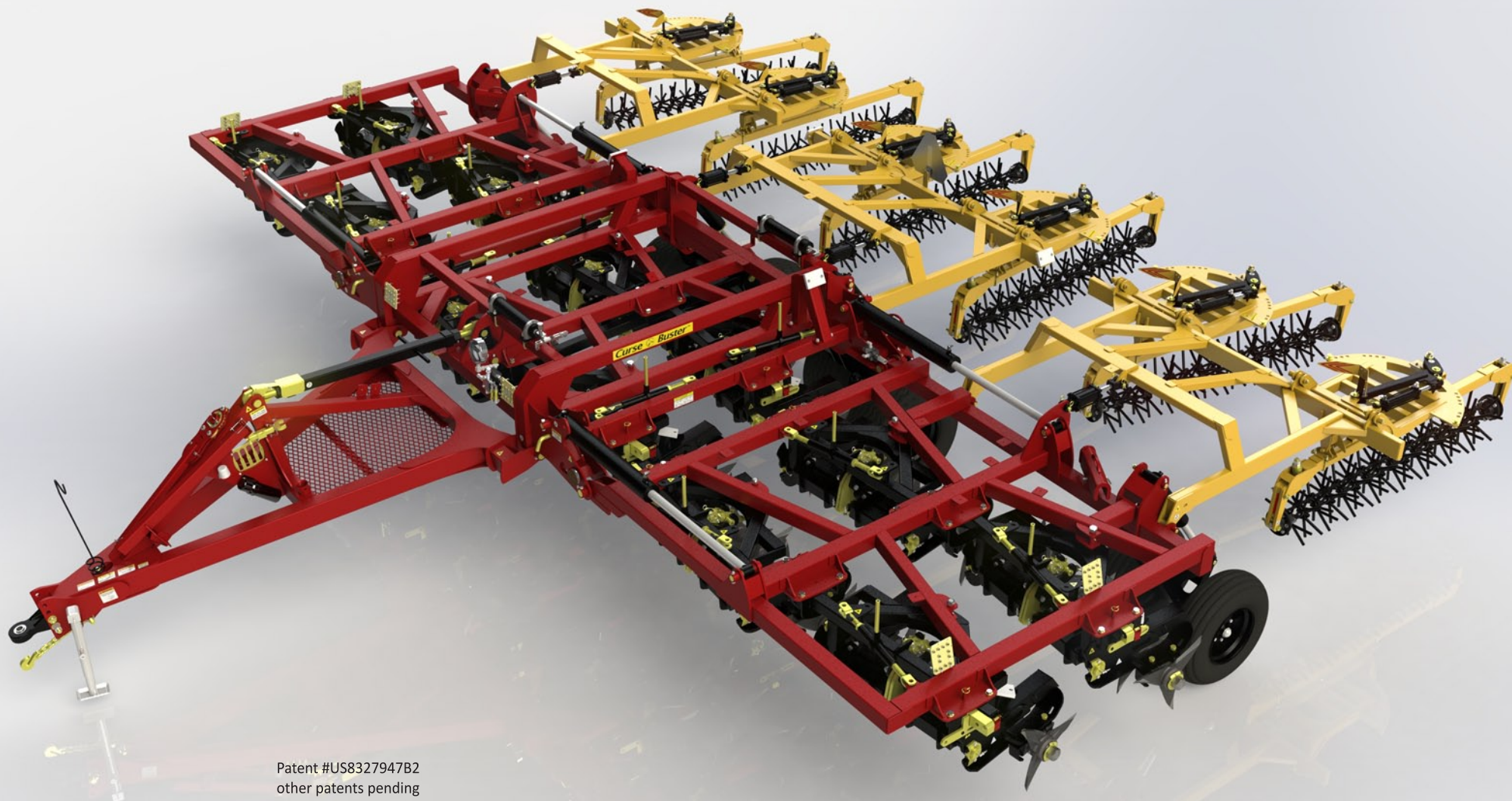
- ▶ It is a true tandem soil aerator that has a full-length frame with sets of tines front and rear on rollers that can be adjusted to a half degree.
- ▶ It presents more pounds of penetrating force per tine than any other production frame without using ballast by:
 - Spacing tines at 10 inches (254mm) apart in each tine rank
 - By utilizing an advanced helix to arrange the tines on the shaft
- ▶ Curse-Buster uses no bolts to secure the tillage tines and they are individually replaceable.
- ▶ Assembly and tine servicing does not require heavy lifting or crouching for hours under the machine. Tines can be replaced while the roller is mounted.
- ▶ Eagle tine roller design guarantees a smoother field finish and more effective fracturing forces by pressing the ground surface with the entire width of the roller.
- ▶ The eagle tine uses a new tip angle that improves field finish by reducing the amount of divots flipped onto the surface.
- ▶ Curse-Buster increases total soil fracturing by nearly 40 percent while reducing perforations by 30 percent when compared to the competition.
 - Front and rear tines synchronize quickly with each other to fracture both sides of a single hole.
- ▶ Moving rear tines to the front rank when worn allows them to be run over more acres. New tines are installed on the rear to assure continued plow layer deep action despite short front tines.



- ▶ Curse-Buster tandem design with new rubber suspension improves ground following and cuts maintenance costs by over 50 percent.
- ▶ Curse-Buster frames are self-leveling and easily adapted to air seeder and drag-hose manure or sludge applications.
- ▶ The Phillips Harrows are lifted to disengage from soil and residue when not desired.
- ▶ Curse-Buster exclusively offers hydraulic control of the harrows.
- ▶ Curse-Buster/Phillips Harrows are available as semi-automatically rotatable for ultimate control of soil and crop residue movement.
- ▶ Curse-Buster can be optionally equipped for on-the-go adjustments of nearly every aspect of residue management, and seedbed depth.
- ▶ While Curse-Buster is more steel initially, you will spend about half as much to maintain consistent, peak performance day after day.

Twenty-four years of proof that this tillage technology has the ability to improve soil health are documented in our Legacy DVD.

Request a copy of the 24-Year Legacy DVD at www.soilcursebuster.com.



Patent #US8327947B2
other patents pending

Model Number	Width (feet)	Weight (lbs.)	HP/Kw	Tires	Tire size	Hub Bolts	Ply Rating	Number of Rollers	Swingarm Adjustment Degrees	Frame Sections	Rotary Harrow Modules
230-G10	10	7500	150	2 (opt. 4)	11L-15	6	12	4	0-5, ½deg steps	1	2
230-R10	10	8500	150	2 (opt. 4)	11L-15	6	12	4	0-5, ½deg steps	1	2
245-G15	15	11700	225	4	12.5L-15	6	8	8	0-5, ½deg steps	1	3
245-R15	15	12700	225	4	12.5L-15	6	8	8	0-5, ½deg steps	1	3
245-F15	15	12200	225	4	12.5L-15	6	8	8	0-5, ½deg steps	2	3
260-F20	20	16500	300	4	11L-15	6	12	8	0-5, ½deg steps	3	4
290-F30	30	23500	450	8	32x15.5x16.5, 9.5L-15	8, 6	14, 8	12	0-5, ½deg steps	3	6

Contact us for a quote Many options available

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