

SOIL-MAX™

GOLD DIGGER

1997

Soil-Max was started in 1997 by Denny Bell. After visiting with thousands of yield mapping customers at farm shows, Denny found that virtually everyone agreed drainage was the one variable that consistently impacted yields. Since most farmers already had tractors, it made sense to come up with an economical way for them to utilize their tractors to install drainage tile. The eventual result was the Gold Digger tile plow.

Today, the Soil-Max Gold Digger with STEALTH ZD Technology is one of the most popular tiling plows on the market. Affordable and easy to use, it's the tile plow that allows growers with farms of all sizes to install drainage tile and increase yields and profits.

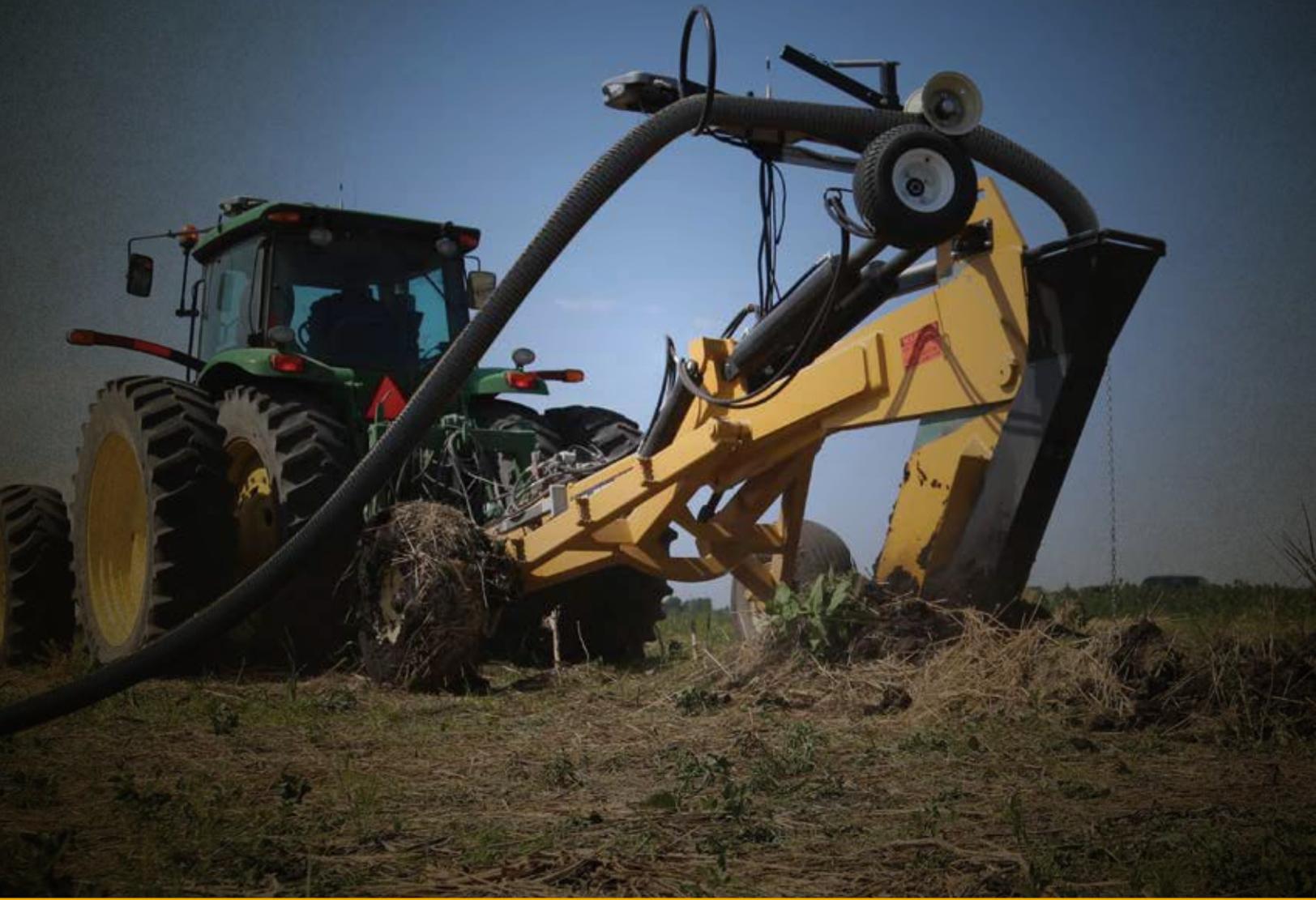
TODAY



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The Next Generation in
Tile Plow
Technology



SOIL-MAX™
GOLD DIGGER

Everyone Can Tile



They say good farmers farm good ground. With tiling, you know you're farming good ground. Still, some growers opt not to buy a tile plow. Either because it's too costly or too difficult to learn.

Soil-Max is the solution to both problems. Our tile plow technology is easy to use and can yield 100 percent ROI in 125 acres!

Why you should tile:

- ▶ Improve yields by 29% - 76% (based on 125 field trials)
- ▶ Less yield variation (18% compared to 46% on undrained soil)
- ▶ Faster soil warm-up (soil in tiled fields is 5-15 degrees warmer)
- ▶ Lower drying costs (tiled crops grow/mature faster and are up to 6 points drier in the fall)
- ▶ Better soil aeration and soil structure
- ▶ Increase planting/harvesting windows
- ▶ Reduce nitrogen loss and soil erosion
- ▶ Less compaction and problems due to wet soils

Why you shouldn't tile:

- ▶ A desire to maintain lower yields and profits



How It Works

Naturally, the amount of soil lifted affects the drag on any tile plow. Most tile plows only lift the soil 2-3 feet. The Gold Digger with STEALTH ZD Technology provides lifting action up to 5 feet, reducing the side pressure drag on the plow. This helps it glide easily through the soil as it lays 3- to 10-inch tile, up to 7 feet deep.

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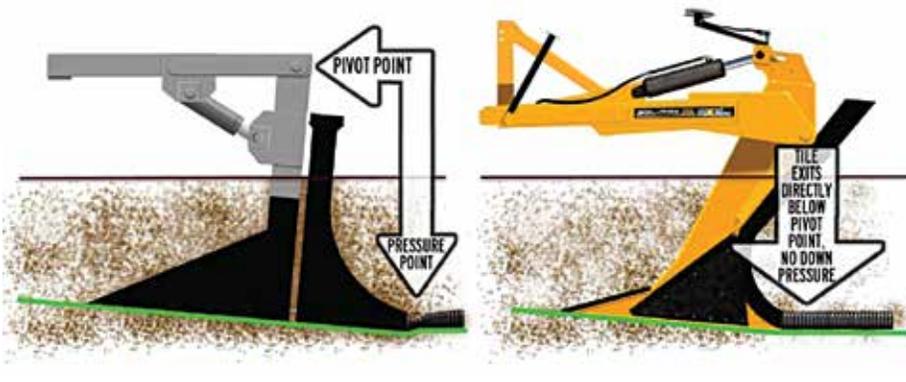
The Gold Digger with STEALTH ZD Technology

Compared to competitive tile plows, the Gold Digger is thinner and weighs less. And thanks to the Zero Deflection (ZD) Technology, it slices through the soil more easily. At times, so smoothly your tractor will hardly detect it. That's why it's called STEALTH.

Other Features:

- ▶ Intellislope uses a GPS driven grade control system and computerized mapping to ensure tiling is laid at desired depths at all times, even on hills and slopes

- ▶ Proportional Grade Control
- ▶ Quick Change Poly Sided Boots
- ▶ Down Pressure Valves for Balance
- ▶ Gold Digger Plows support the tile on the sides and bottom – reducing erosion below the tile and extending tile life
- ▶ Replaceable Front Shear cuts out a perfect bottom to support major tile sizes, including 3-, 4-, 6-, 8- and 10-inch tile
- ▶ Available in Pull-Type or 3-Point Hitch Models



Zero Deflection

Most tile plows use the pitch of the plow to control grade. Deflection occurs when the tile plow pitches up or down, which can damage the tile or cause it to go off course.

Zero Deflection Technology, a patent-pending product from Soil-Max, features a unique design that avoids deflection and eliminates opposite grade reaction. Positioning the plow to follow the leading edge keeps it from pushing down in back – so there's no tile damage or effect on the grade.