



TRACTION • STABILITY • VISIBILITY

PRODUCT INNOVATION

Man dies after tractor overturns on Co Cork farm

“... it is understood the 51-year-old man was spreading slurry on a farm when his tractor overturned and he was trapped.”

Ref. Irish Times - May 2019

Ulster farmer dies in slurry tanker tragedy

“An experienced and cautious farmer died in a slurry tanker accident at his family farm when he was thrown from his tractor while spreading slurry and it is believed the tractor and tanker toppled over after slipping on steep land”.

Ref. Belfast Telegraph - April 2012

Slurry tanker overturns and spills everywhere in Monaghan Town

“A slurry tank overturned and spilled its full contents in Monaghan town this morning when coming around a corner.”

Ref. That's Farming.com – Feb. 2016

Above are TWO FARM DEATHS and ONE ACCIDENT ON THE ROAD too many as far as Glenn Cruikshank of Shanks Engineering Ltd, from Carrickmacross, Co. Monaghan is concerned.

- Identifying a problem for farmers & contractors who face hazardous challenges while spreading slurry, **Glenn Cruikshank**, with a background in innovation and engineering, has developed a unique solution to the problem of tanker instability
- The **Shanks Tanker** that is **SAFER** than a conventional model

The Problem with Conventional Tankers

- Conventional tankers are high and the liquid in the tanker can move around as it empties, making it unstable and unsafe particularly on hills

Why Shanks Tanker is Safer

- Shanks Tanker** has a **UNIQUE 2 chamber** system and is much lower
- The front chamber holds approximately 4 tons of liquid; this stays static until the back chamber is empty, making it more stable as the liquid in the front cannot move, i.e. dead load and cannot slosh around

Improved Traction & Visibility

- Conventional tankers with one chamber, while emptying, the load goes to the back of the tanker and significantly reduces the weight on the tractor drawbar (hitch) - particularly when spreading up-hill; The **Shanks Tanker** front chamber maintains that portion of weight on the hitch until the back section is empty; meaning more weight on the tractor hitch: Weight equities to more traction (grip) thus increasing safety and usability
- A further advantage with the **Shanks Tanker** is that it is 400mm lower than a conventional tanker, offering the driver better visibility across the tanker, improving safety for all
 - This is enabled by our 2 chamber system which allows the axle to go through the tanker, lowering the centre of gravity whilst improving visibility

