



SLURRY TECHNOLOGY



EASYFIX
Slurry
Technology



EASYFIX Slurry Technology

EASYFIX Slurry Technology is the next generation in slurry management. The technology injects compressed air into slurry at specific points via non-return valves. The oxygen that flows through the valve creates a bubble and as it rises through the slurry it helps to break it down and ensure that it remains in a liquid state.

The primary benefit of EASYFIX Slurry Technology is that it is proven to reduce ammonia emissions by 51%¹. It also assists greatly in the increased production of nutrients such as Nitrogen (N), Phosphorus (P) and Potassium (K) in the slurry. The liquid state which the slurry finds itself in eliminates the need for agitation which, crucially, makes for safer environments for both animals and farmers alike.

With increasing regulations on farming practices such as nutrient management, farmers need to maximise the efficiency of their manure and rely less on the use of artificial fertilisers. EASYFIX Slurry Technology benefits farmers in their quest for lower emissions, reduced carbon footprint and increased slurry nutrients, while savings on artificial fertilisers will help improve overall farm-profit.

EASYFIX Slurry Technology can be fitted in both new and old underground tanks, overground slurry stores and lagoons and is suitable for beef, dairy and pig enterprises.

1. Wageningen University & Research, *Effect of the Aeromix System on Ammonia Emissions in a Dairy Barn: Exploratory Research at Dairy Campus, 2015.*



Additional Benefits

- Higher ratio of aerobic to anaerobic activity
- Increased N, P and K values due to less anaerobic breakdown creates a tangible ROI
- No agitation means you can pump on demand, saving on labour and machinery
- Reduces hydrogen sulphide emissions making it safer – animals can stay in pens when pumping
- Oxygenated slurry greatly reduces unpleasant odours which emit from slurry
- Reduction in methane lost during storage makes it ideal for “storing” methane energy for future digester harvesting
- High pressure system which means that it works the same regardless of whether the pit is nearly empty or full
- Unique design of air systems and non-return valves provides precise release of air

What Our Customers Say

"I have two tanks with EASYFIX Slurry Technology and one which doesn't. I've been able to compare the slurries and there is no question that the aerated slurry is way better. I'm saving big money on fertiliser too. The cost of it is going up and regulations are going to prohibit the use of it in future so you have to get more value from your slurry. On top of that, it's safer because I don't need to agitate it, I'm able to grow more grass and it's good for the environment."

- PADDY PRENDERGAST, KILKENNY

(EASYFIX Slurry Technology installed for over 8 years)




How it Works

EASYFIX Slurry Technology is a low rate, intermittent aerobic compressor system which performs as follows:

- 1 Compressor is activated by a digital clock in the control panel
- 2 Air is fed into the primary rotary valve which feeds the rest of valves
- 3 Valves are connected to manifolds which are securely fixed to the floor
- 4 Only one port is 'live' at any time, causing air to be jetted out at 2 or 4 specified points
- 5 Pneumatic distribution rotary valve then revolves to open the next port
- 6 Nutrients within oxygenated slurry are uniformly distributed



 **EASYFIX**[®]
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