

Manure Drying Tunnel



PoulDry[®]
EXCELLENCE IN DRYING

- Drying of poultry manure
- Industrial quality standard (Stainless steel and powdercoated steel components)
- Modular design for quick installation
- Troublefree operation, unique rail chain guide system, and forced tilting of the perforated drying plates
- Low energy consumption
- Fine dust reduction
- Drying by using air from poultry building
- Compact and flexible control by touchscreen



Forced tilting prevents failure



Simple operation with touchscreen

VDL Agrotech



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Operation of the Poultry manure drying tunnel

In a closed area the manure drying tunnel construction consisting of 1 or more tiers, with chaindriven galvanised and powder coated perforated steel plates is installed. The manure is evenly divided on the top layer of the manure drying tunnel with the help of a turning spreader. When the manure reaches the far end of the tunnel the plate tilts and the manure is automatically dropped on the plates of the underlying level. Manure is then moving in opposite direction and dried further.

The air from the house is blown by high pressure fans through the perforated drying plates and the manure. The plates have 35% perforation opening, allowing a fast and better drying of the manure. Within 72 hours 80 percent dry matter content can be reached.



Supply of the manure to the tunnel



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