

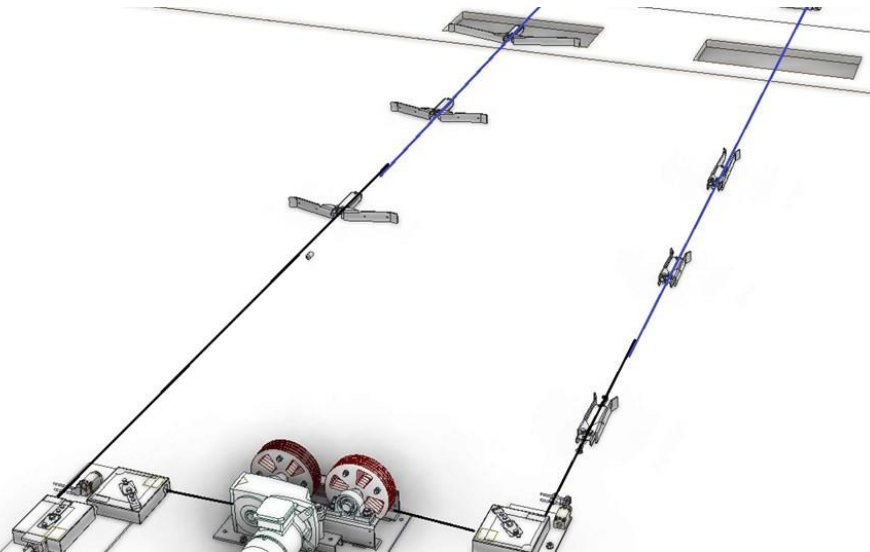
Litter removal



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For over 20 years, **LAE Anlagenbau** has been a reliable supplier of poultry manure evacuation transport systems. Whether you need transversal conveyors, elevating conveyors – both pivoting or fixed, distribution systems, manure spreaders, lifting conveyors or litter removal; your problem is our challenge.



Geerts Smederij has developed a **litter removal system** for the evacuation of manure litter. The system is extremely useful to retrieve litter from under poultry houses. The system is composed by one main drive with corner pulleys, a tensioning device and a circulation cable. Litter slides, which gradually move the litter to the back-end of the barn, where it is evacuated by means of a manure conveyor, are affixed to the cable. The system is available for applications with two or three rows. Through the use of different tray widths, a uniform litter thickness is achieved in the poultry house. All construction components have undergone thermal galvanisation and are therefore maintenance-free. The pulleys can easily be greased by their grease fittings on top. A pre-programmed control panel, equipped with frequency inverter and PLC is supplied together with the installation as a standard. The control panel includes a slipping control function and an “anti floor-egg” programme. A memory function for the drive direction, a control option for the transversal manure conveyor, a conditional circuit and an emergency stop circuit complete the control panel.



Main drive 3 x 400 V starting from 0,75kW with cast iron pulley on double bearings



Litter slide with pivoting scraper blade. Standard widths 60 up to 90 cm. Height 6 cm.



Corner pulleys with Bronze bearings, grease fitting and groove scraper



Edge wheel for wall mounting Plastic-coated steel cable 8 mm



One of the edge wheels is fitted with a tensioning device



The control panel can be adapted for several systems in one poultry house power supply 220V



Advantages:

- no manual labour, timesaving
- a finer litter layer
- less eggs out of the nests
- better climate in the poultry house
- better living conditions