

# Litter system KFS 100

For the optimal distribution of litter in stables for pigs and cattle.

The intake of litter is made through a big buffer storage (1) with screw conveyor (2), which conveys the material towards the tube chain conveyor. (3)

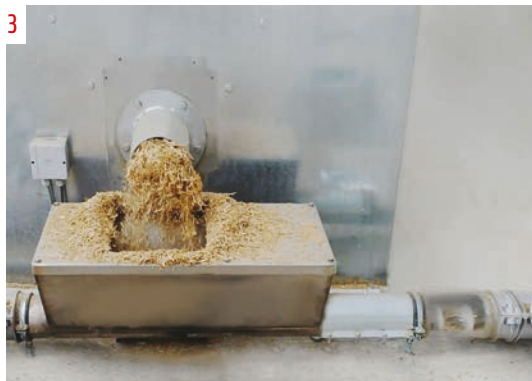
The conveyor pipes (4) are installed in the areas which have to be covered with litter. By downpipes (4) which end just over the ground the litter falls into the cubicles. Those downpipes serve as buffer tubes for the material. If one pipe is filled up the material is conveyed to the next downpipe. In this way all cubicles are filled sequentially. Several conveyor lines (5) can be connected by transitions.



1 Buffer tank outside of the stable



2 Screw conveyor in the buffer tank



3 Transfer to Tube chain conveyor



5 Connection of two conveyor lines



4 Convey- and downpipes inside of the cattle stable

- Agricultural technology
- Plant construction
- Engineering

**The special benefits:**

- More quietness in the stable because no driving or shunting in the area of the animals is necessary
- No mobile litter box necessary
- Ideal for robotic stables because all cubicles are not always empty during the insertion of new litter
- Low-dust distribution of the litter because the litter spread gently from the downpipes
- Storage in the stable area by buffering in the downpipes
- Easy distribution of the litter at the end of the downpipes, largely by the animals themselves
- low maintenance



Litter system KFS 100 outside of the stable



Litter system KFS 100 inside of the stable

**Technical data of the litter system (example):**

	Screw conveyor buffer tank	Tube chain conveyor
drive power	1,1 kW	3,0 kW

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• Plant construction

• Engineering