

**NEW!**



**Big Dutchman®**



## **SIMBA**

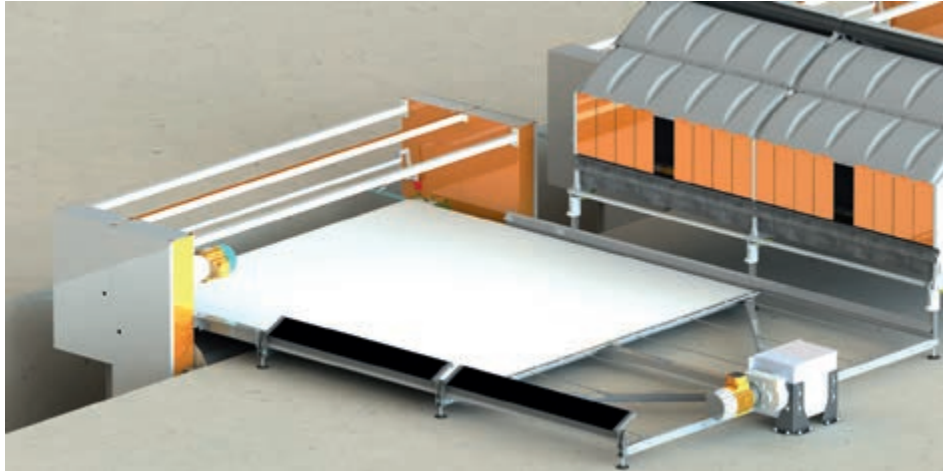
Ingenious manure removal with belts below the plastic slat level  
in broiler breeder houses

# SIMBA – the practical belt system for manure pits

SIMBA, a new system for manure removal via belts offered by Big Dutchman, removes manure that is usually stored in the manure pit from the house at regular intervals. This significantly reduces

ammonia emissions and thus improves the climate situation in the barn. SIMBA is mainly used in broiler breeder houses, where manure was stored in manure pits for the entire batch in the past.

Let our experts advise you to find the best solution for your individual requirements.

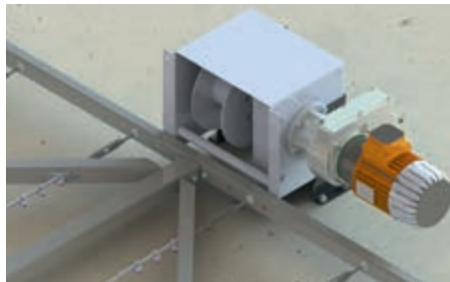


Winding manure removal system below the slat level

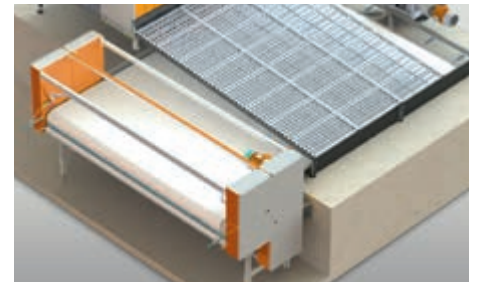
During manure removal, a specially developed drive unit winds the manure belt around a drum. The manure drops onto a cross belt that removes the manure from the barn. Scrapers ensure that the belt is cleaned. After manure has been removed, a cable winch pulls the wound belt back below the plastic slats. Limit switches automatically turn off the system as soon as the belt has been fully unwound.

## Technical data

Section length	mm	2412
Jump height	mm	200
Manure belt width	mm	2310
(more narrow belts available upon request)		
Max. manure belt length	m	120
Manure belt speed	m/min	6.7



Specially developed drive unit



The manure belt is wound around a drum

## The advantages at a glance

- ✓ much improved climate in the barn;
- ✓ low jump height of only 20 cm makes reaching the nest easy for the hens and increases nest acceptance;
- ✓ animal-friendly system that is good for the environment;
- ✓ very reliable system with safety switches;
- ✓ regular manure removal over the entire batch reduces ammonia emissions;
- ✓ lower risk of flies in the house;
- ✓ low maintenance requirements;
- ✓ corrosion-resistant substructure made of stainless steel;
- ✓ floor underneath the slat level is easy to clean after the batch while the manure belt is wound around the drum;
- ✓ hinged-type front made of plastic is also easy to clean;
- ✓ easy to install.



**Big Dutchman.**

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