



# SKOV International

**PIG EDITION**

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## Young pig producer earns back new fans in approx. three years

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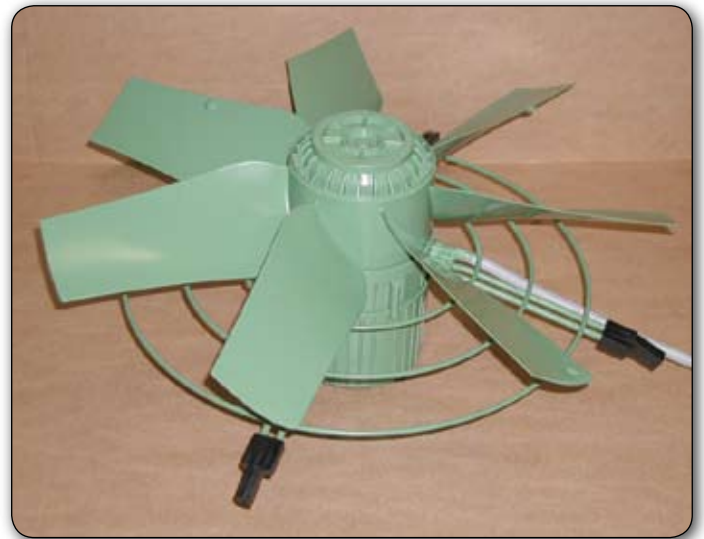
### **Jens Lei from, Blans in Denmark, has built a new weaner house with energy-efficient ETAvent fans and floor exhaustion**

When Jens Lei of "Ballegaard", Blans in Denmark, was ready to start building a new weaner house, he was told that it was possible to save a considerable amount of energy by choosing the new ETAvent fan.

- I was also told that it was more expensive. I needed 24 fans and the surcharge per fan would be approx. EUR 335. A good explanation was needed if I had to pay more for these fans, says Jens Lei.

SKOV's calculations were presented to him and they showed that the ETAvent fans would be earned back in three years.

- No other parts on the building have such a short payback period which was why the additional investment did not worry me. Usually, you focus a lot on the purchase price but forget to look behind the figures; but it is precisely the low, daily operating costs that help determine whether operations yield a profit or not, says Jens Lei.





### **New house on rented land**

Jens Lei runs a business in partnership with his father and brother producing sows, weaners and finishing pigs at three different properties. They have 1,000 sows and a production of 26-27,000 weaners of which they fatten 12,500 for slaughter while the rest is sold as 30-kg (66 lb) pigs. The new house, which can accommodate approx. 4,800 pigs from 7-30 kg (15 – 66 lb), was built on the land of a fourth farmer, Steen Kùseler, Fiskebæk near Gråsten in Denmark, who offered to provide land for a new house and to look after the pigs.

- This structure is somewhat special but as the property where we live is situated too close to Blans and the coastline, I thought it wise to build the pig house elsewhere, says Jens Lei.

### **Fantastic air**

The new weaner house has floor exhaustion with air being exhausted through a duct below the pen.

- I visited a similar Perstrup house which was filled with big finishing pigs.

I just wore lightweight overalls but the air was so good that even my wife could not smell that I had been in-

side a pig house. The air was fantastic. Usually, I wear a mask in the pig house because I suffer from allergy but in this house, I had no problems, says Jens Lei.

### **Less odour with floor exhaustion**

After the visit, there was no doubt in his mind that his new pig house was to be a similar house from Perstrup, however, with a few changes to make it suitable for weaner production.

- Actually, it is quite obvious that floor exhaustion reduces odours as the air enters the house through the diffuse ceiling, flows down into the pen and out below the floor. No odours are flowing upwards, especially not if the slurry channel is so deep that there is always at least 20 cm (8") of air above the slurry, forming a sort of membrane that stops the odour, says Jens Lei.

The exhaust chimneys for floor exhaustion are often located outside the house but Jens Lei decided to keep his inside the house.

- I did that, among other things because this will allow me to connect biological filters for air cleaning purposes, should this be necessary in future.

