

# Industrial noise control

## SELECTED CASES

### Arla Foods, Taulov Mejeri

ACOUSTIC REGULATION OF PACKING FACILITIES



Northern Europe's largest dairy, which totals 48,000 m<sup>2</sup> and produces 45,000 tons of cheese a year, had serious problems with the acoustic conditions in their packing facilities, as well as other areas. The noise level was high and the reverberation time was very long.

IAC Nordic's solution to this challenge involved conducting acoustic calculations and supplying and installing Hygiene Foodtec sound-absorbing wall panels. The panels are easy to clean, can withstand high humidity levels and have good sound-absorbing characteristics.

### Danish Crown, Horsens

ACOUSTIC REGULATION OF PRODUCTION HALL



When establishing the largest slaughterhouse in northern Europe, it is necessary to comply with the Danish Working Environment Authority's guidelines for acoustics in production environments. In addition to the requirements for acoustics, there are significant requirements for cleaning. Sound-absorbing baffles of the type IAC CF (change foil) were mounted on a ro/ro suspension system, ensuring easy cleaning and maintenance.

### Abena, Aabenraa

ACOUSTIC ENCLOSURE OF PRODUCTION EQUIPMENT



A new machine for the production of adult incontinence pads from an Italian supplier had to comply with the Danish requirement of a noise level of 80 dB(A). The acoustic enclosure also had to serve as a safety guard as well as meet requirements for visibility and easy accessibility. IAC Nordic supplied an acoustic enclosure comprising many doors and large glass panels. This reduced the noise level from over 100 dB(A) to under 80 dB(A) in all measuring points.

### Other solutions for industrial noise control

- Doors and windows
- Acoustic louvres and ventilation silencers
- Floating floors
- Sound-absorbing panels, wall and ceiling
- Sound-absorbing foam/plastic

### If you have the challenge, we have the solution

We are more than happy to draw up a solution proposal

- If you are expanding existing facilities
- If you have challenges within sound, acoustics or vibration
- If you need information in connection with project planning
- If you have a project we can make easier for you



IAC Acoustics is a global leader in noise, vibration and acoustic products.

With our comprehensive product range, excellent research, continual product development and expanded consultancy, we offer turnkey solutions to a wide variety of industries.

IAC Acoustics A/S  
Jernholmen 44  
DK - 2650 Hvidovre  
[www.iac-acoustics.com](http://www.iac-acoustics.com)

[mail@iac-acoustics.com](mailto:mail@iac-acoustics.com)  
Tel +45 36778800  
Fax +45 36781230