

Senior Fan Designer - Pig Farm Engineering

- An attractive position in a leading global machinery and farm system manufacturer and project service provider

Would you like to make an impact in a leading global machinery and farm system manufacturer and to take part in a fast-moving mechanical and technological journey? Would you enjoy developing innovative and effective fans for animal farm ventilation systems? And would you be motivated by working in an international environment with lots of personal and professional development opportunities?

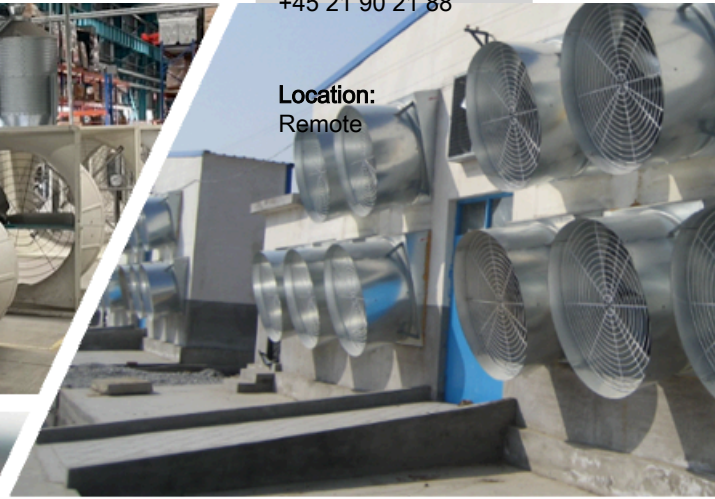
Then we might have the perfect job for you in FAMSUN!

The position is:
Ledig

Application Deadline:
28 February 2025

Contact person:
Mette Landau
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Location:
Remote



The Company

FAMSUN is a world leading company that develops, manufactures, installs and provides service to feed factories and animal farming systems around the world. For more than 50 years, Famsun has taken pride in the development of novel feed machinery technologies having resulted in higher utilization of raw materials and improved energy efficiencies, enhancing the global food security for human lives and protecting our planet. Famsun has 3000+ employees worldwide, and products have been sold in over 120 different countries. Famsun is a rapidly growing international business with an annual growth rate averaging over 25% for the past 10 consecutive years.

For Famsun's European R&D organisation, Landau Headhunting is looking for a Senior Fan Designer with experience designing FRP fans for livestock ventilation systems.

Being the perfect candidate, you have 8 or more years of experience working in the agricultural industry with ventilation systems, equipment design and verification.

You will be part of a global multi-cultural company with headquarters in Yangzhou, China and R&D centers in Kansas City in the US, Aarhus in Denmark and Oldenburg in Germany. Famsun has sales offices around the world selling and servicing their pig and poultry farm systems. You will be employed by one of Famsun's R&D offices, but you can work most of the time from your home office or an office near your home.

Therefore, your place of residence could be anywhere.

Your key tasks

Famsun has designed and developed Intelligent and Smart Feed Factories for some years, and they are a world leading company in this area. They have the ambition also to take the farming systems to the next level with Intelligent and Smart Farms. The Smart Farms of the future will require high performing energy efficient ventilation equipment and solutions, and you will play a key role in the design and development of these new solutions.

Your key tasks and responsibilities will be as below:

- Make specifications for new FRP fan products for livestock ventilation
- Design new FRP fan products together with R&D teams in our international R&D centers
- Make design of core components
- Review of designs
- Testing and simulations, aerodynamics and air flow simulations using e.g. CFD
- Cooperate with leading Universities within air flow and ventilation research areas
- Guide and educate your engineering colleagues at Famsun's international R&D centers.

Your professional profile

Being the ideal candidate, you have solid experience working in the agricultural industry with product specification and design. You have a deep technical understanding and experience with ventilation systems and equipment for animal farms including axial fan design, aerodynamics and air flow simulations, blade design and slipstream theory, testing using wind tunnels, unstable flow analysis and troubleshooting, fixed and variable frequency drives and equipment selections.

As the right candidate, you are expected to have competence and experience with:

- Ventilation systems and equipment for animal farms in general
- Axial fan design
- Aerodynamics and air flow simulations
- Blade design and slipstream theory
- Testing using wind tunnels
- Unstable flow analysis and troubleshooting
- Fixed and variable frequency drives and equipment selections
- Understanding the variety of requirements for climate systems for different climate areas (hot, cold, etc.) of the world including systems for Asia
- Understanding the variety of customers and customer types and their individual requirements
- Writing product specifications
- Skills to communicate product requirements to Famsun's development teams
- Working in an international R&D organization using agile methods and processes.

We expect you to have a Master degree or PhD in mechanical engineering preferably with practical experience in the agriculture business.

FAMSUN offers

FAMSUN has high ambitions in developing fan and ventilation technologies for the future, and you will have a key role in reaching that goal. The work environment in FAMSUN is informal, and you are offered good working conditions incorporating flexibility and freedom with responsibility.

FAMSUN offers a highly competitive salary package that matches your qualifications, with employee health insurance, a pension plan and paid vacation and holidays. If relevant, you will be offered a relocation package.

You will be part of a fulfilling small work group environment where you, being a self-motivated individual, have the freedom and opportunity to make significant contributions to the company's success. This is a high visibility position with advancement opportunities and a continuing education program.

Interested?

Please apply soonest possible (in English) by clicking the "Apply" button and thereby uploading your CV and application. For any additional information, please contact Founder/CEO Mette Landau from Landau Headhunting by phone: +45 2190 2188.

Landau Headhunting will carry out the recruitment process. Therefore, all inquiries should be directed to Landau Headhunting. We will call in relevant candidates for interviews on an ongoing basis, and we reserve the right to call in candidates prior to the application deadline.



We are looking forward to hearing from you!

See more at FAMSUN's international website: en.famsungroup.com