



NMF INDUSTRIES

Engineering · Manufacturing · Supply Chain



**ONE WORLD
ONE SUPPLIER**

Introducing an experienced business partner

Focused on improvements

NMF Industries is a longstanding supplier of the wind industry. This is an industry which, with its high demands on quality, traceability, innovation and cost-optimisation fits in brilliantly with our own values and expertise. We have a declared aim to be the industry's preferred partner in the machining of aluminium and steel. We constantly support this position through ongoing investment in new technologies, staff training and a general inquisitive and critical approach to our tasks. "Couldn't we do something just a little bit better?" is the basic approach taken by our skilled technicians, engineers and experienced manufacturing staff.

When you choose NMF Industries, you are also choosing a supplier and business partner who can manage your entire project from the first prototype to the finished product. Our key task is to customise an optimised production flow for each individual project, to ensure that quality, delivery and competitive pricing combine to maximise your value.


The best of two worlds

NMF Industries has production facilities in both Denmark and China, both under Danish management. That is why we are geared to provide the best solution, whether this involves one-off development tasks or large-scale batch runs. Whether the project should be produced in Denmark or China depends on factors such as delivery time, complexity and batch size, and we assess these factors from one project to the next. This enables us to provide the best possible combination of quality, price and delivery terms at all times.

Part of the Skovsager Group

NMF Industries is part of the Skovsager Group, a family-owned enterprise headquartered in Denmark with departments in China and the US. The Skovsager Group has a sound financial foundation comprising two highly specialised undertakings whose core areas of expertise dynamically complement one other. In addition to NMF Industries, the other group subsidiary is QuickTube, which has unique knowledge and experience of production optimisation in the area of advanced 3D laser tube cutting. Choosing the Skovsager Group puts you at the "cutting edge" by virtue of the group's know-how and machining of stainless steel and aluminium.

At the Skovsager Group, we give high priority to combining our expertise to give you, our customer, all the benefits of our "one point of entry" philosophy – i.e. a project manager, supplier and business partner all rolled into one, providing you with a world of opportunities. That is how one supplier is able to manage your entire project.

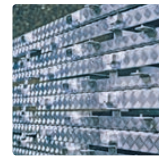
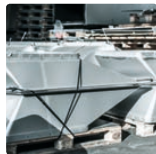


NMF LLC · Iowa, USA
Sheet processing
Supply chain



A part of
 SKOVSAGER GROUP

All-round quality



NMF Industries · Odense, Denmark
Sheet processing
Engineering
Prototypes
Mass production
Supply chain

QuickTube A/S · Odense, Denmark
3D laser tube cutting
2D laser tube cutting
Supply chain
Completed projects

Ningbo NMF · China
Sheet processing
Production of finished products
Production of semi-manufactured goods for other NMF factories
Danish quality with Chinese benefits



© PP Techniq A/S

PP Techniq A/S has developed FFB360, a unique, patented platform for onshore and offshore servicing of wind turbine blades, where safety and quality are absolutely crucial. The platform is mounted on the blades without using cranes and operated via nacelle-based anchor points with a hoisting system integrated into the blade platform.

The FFB360 project has proven the strengths of the Skovsager Group. QuickTube and NMF Industries have closely cooperated to mature the manufacturing of the machine, which is made up of more than 1,800 line items. The welding processes have been optimised by exploiting the benefits of our 3D laser cutter, and our skilled welders have provided essential feedback to help us optimise and streamline processes in the best possible way.

Hi-tech advantage

Unique workflow in a modern array of machinery

NNF Industries has an advanced array of machinery for laser cutting, welding, punching using both eccentric presses and CNC turret punching, deburring and edge folding.

We regularly update our machinery, and in 2017 we invested in a new fibre-disk laser and in enhancing our robotic-welding capacity. Our new fibre-disk laser makes it possible to machine carbon steel, stainless steel, aluminium, copper and brass.

Our affiliated company QuickTube specialises in both traditional laser tube cutting and state-of-the-art 3D laser tube cutting. This provides many competitive advantages by rendering a number of costly operations superfluous. We also invested in one of northern Europe's biggest 3D laser tube cutters in 2017.

Our array of machinery includes all sorts of modern tools and systems, carefully and uniquely integrated to ensure a quick, efficient workflow. And we will gladly convert production processes or start up new areas to meet any specific needs. If we encounter any manufacturing challenges we cannot overcome ourselves, we join forces with a number of adept external suppliers. We retain the project management to ensure that our customer deals with only one partner.

Quick response manufacturing

Speed is sometimes crucial! Therefore, to meet the demand for the quick delivery of small batches, we've set up a separate QRM (Quick Response Manufacturing) section in our manufacturing process. This is a permanent team specially trained to manage the entire process, from planning to finished work-piece when super-fast delivery is required.

Structure and innovation

At NMF Industries, we are renowned for our ability to cost-optimize complex structures by ensuring close cooperation between the customer and our engineers, buyers and manufacturing staff. We have entered into a number of specific development projects on site at our customers where involving us early on has helped smooth out workflows from prototype to manufacturing, thus minimizing or eliminating the need for costly test runs entirely.

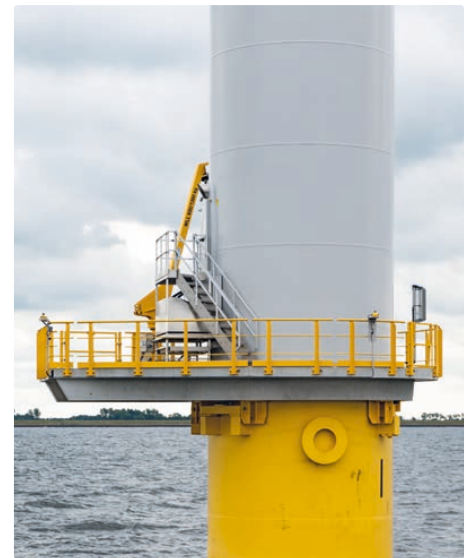
One of our biggest strengths is the active reciprocal feedback between our engineers and our manufacturing staff. This proactively overcomes many challenges and generates the best results – in terms of both quality and finances. Our Technical Department staff do not see themselves simply as order fillers, but as active partners and trusted advisors who are constantly on the lookout for new ways to optimize.

Documented quality

At NMF Industries, we always endeavour to deliver consistently high quality within the desired delivery time. Quality, documentation and traceability are part and parcel of being a supplier to even the most demanding industries.

Our sites in Denmark and China are both certified to ISO 9001:2008 and EN1090-1 EXC3, endorsing the effectiveness of our quality management and internal processes.

In addition to these certifications, many years of collaborating with the biggest names in the wind turbine industry have demonstrated our ability to adapt to current requirements at all times.



NMF Industries is the preferred supplier of a number of wind industry customers. At our last rating covering a 12-month period, we had a documented reliability of supply of +98%. This gives us a reputation to live up to.

Well-conceived projects

Our engineers and technicians are ready and waiting to advise and be innovative – in cooperation with your team. Together, we develop and implement well conceived projects, tailored to your specific needs. It doesn't matter whether this involves day-to-day technical support or major, complex projects.

We incorporate 3D engineering, cost-reduction, manufacturing maturation and tool optimisation into how we envisage the project – and the sooner we get involved in a project, the better able we are to steer the task through to a satisfactory conclusion. NMF Industries makes a positive contribution to your project, no matter whether we are brought in right from the concept stage or whether you involve us in projects requiring further work.

With us, you will only encounter technically qualified employees who will add their vast know-how and experience to your project. This combination of streamlined administrative, manufacturing and delivery processes is what makes us a trustworthy business partner.

Projekt flow

Project start-up

We receive a request for a proposal and then designate a team of specialists who jointly set out the framework for the project.

Possible solutions

We identify and develop ideas for the project's possibilities, challenges and cost optimisations, and then develop prototypes. At this point the dynamic interaction of engineers and manufacturing staff is brought into play, and useful proposals emerge in combination with the customer's feedback.

Manufacturing preparations

We determine the manufacturing methods, documentation requirements and logistics and enter into agreements with any partners. If the proposal involves labour-intensive processes or if there is a possibility of extending the delivery time, outsourcing the project to our factory in China may be a beneficial option.

Specifications and determining the product

The structural engineering and final design aspects are determined in cooperation with the customer.

Production

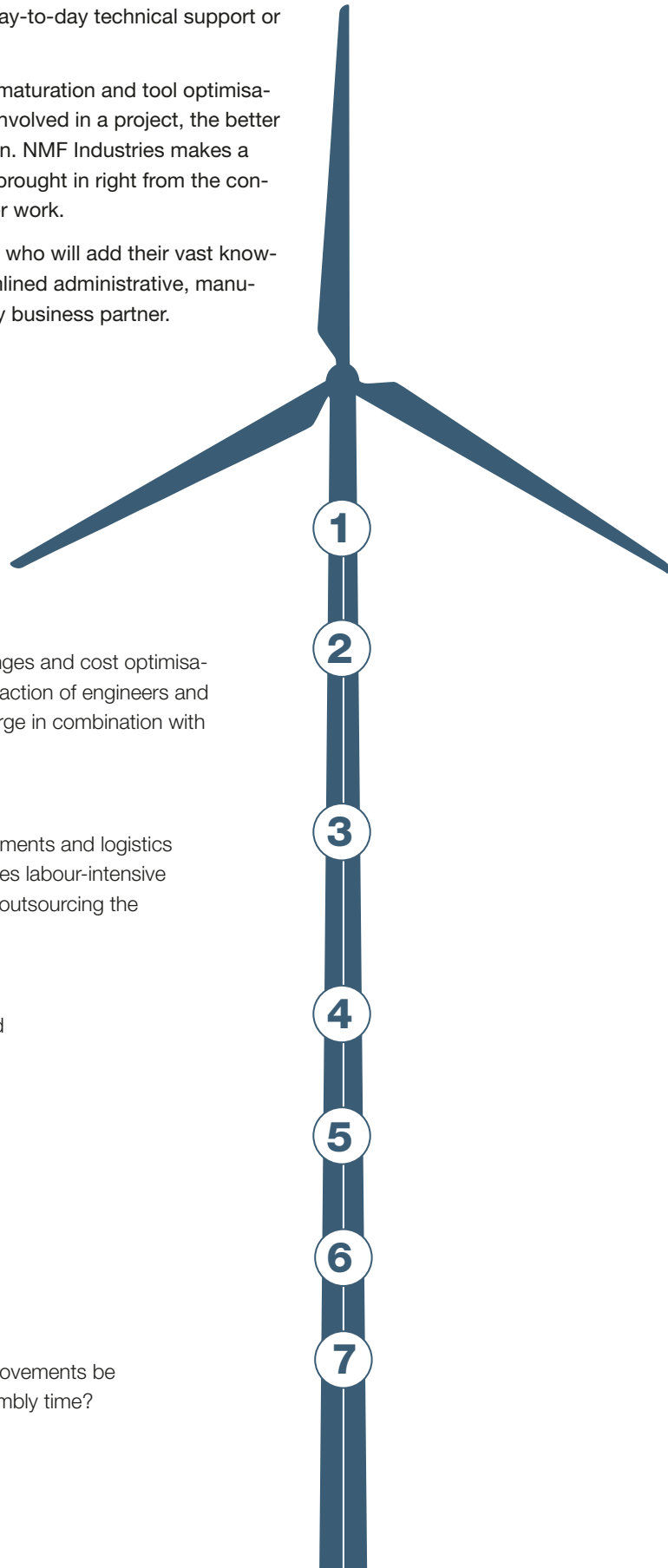
The manufacturing process, including installation, starts on the basis of approved working drawings.

Delivery

The finished project is delivered.

Follow-up

After delivery, we make sure to get feedback. Can even more improvements be incorporated into the working drawings to further reduce the assembly time?





Supply chain

Maximum flexibility from warehouse to delivery

Our production and supply chain match our customers' requirements in every way. That's because we understand the importance of delivering quality on time and at the agreed price. Our entire supply chain matches these expectations, guaranteeing maximum flexibility all the way through.

Many customers also benefit greatly from our provision of stocking raw materials, other materials, prefabricated and ready-made workpieces. We deliver to our customers from these stores at agreed frequencies, with agreed quantities

dispatched to the address where the customer will further process these workpieces. We offer global warehousing in our own facilities in Denmark, China and the US, or via business partners in other countries. This enables us to guarantee that your goods will be ready on time and in the right place.

We have signed agreements with a number of customers to stock workpieces within a certain interval (minimum/maximum stores) to ensure that customers can always rely on receiving their goods if they urgently need them.

Feedback, cooperation and guaranteed peace of mind

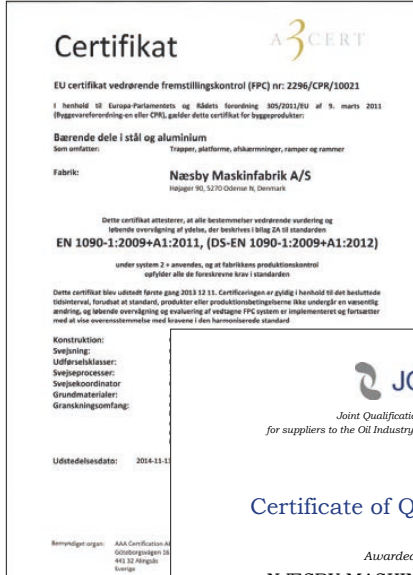
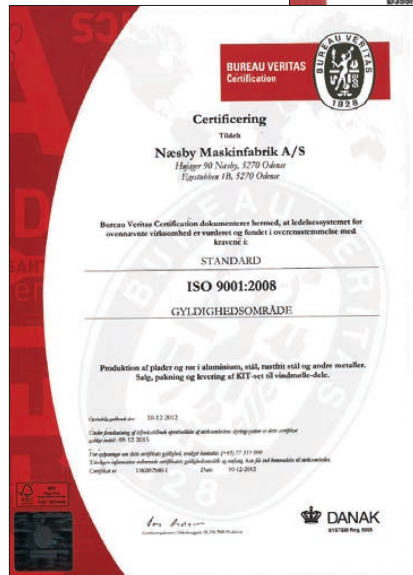
ISO 9001 and EN1090-1 – of course!

and parcel of being a supplier to even the most demanding industries.

QuickTube was certified to ISO 9001:2015 in May 2017. As an external supplier, it is able to deliver in accordance with EN1090-1, with full traceability and a 3.1 material test certificate.

Both NMF Industries and Ningbo NMF are certified to ISO 9001:2008 and EN1090-1 EXC 1-3.

These certifications are an important seal of approval of our quality management and internal processes, and your customer's guarantee that all our processes are well managed. This fully assures you that the work we deliver complies with relevant quality and traceability requirements.



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