

IO
METAL
integrated metal solutions

5 decades of serving ambitious customers

Anyone can cut or bend a piece of metal, but at IQ Metal we take pride in doing it our way. For five decades, we have combined creativity in solving a task with control of the process to suit your specific needs. Nothing more – nothing less.

We're sure this focus is what has made us achieve a considerable and consistent growth as shown in the graph below.

No two customers are alike. Therefore, we differentiate the services and flows to every customer. We are equally thrilled to act as competitive supplier of

components as we are to take care of the whole supply chain and delivery of integrated metal solutions.

What is OK today is NOT OK tomorrow, and therefore we continuously develop our competencies and solutions. Our company is developed according to a fixed strategy and business plan and based on a high-quality and competitive cost approach.

Team up with IQ Metal and get a whole new experience working with a sub-supplier who covers all of Europe from two modern factories.



”

IQ Metal footprint with factories in Denmark and Poland is perfect for servicing customers throughout Europe.

“





**250 employees
in the Group**

IQ Metal A/S
Head office in
Hasselager, Denmark
Established 1965

IQ Metal sp. z o.o.
Stettin, Poland
Established 2010

Servicing customers with global reach

IQ Metal supplies components and subassemblies to a wide range of industries. We manage complete supply chains upstream or downstream, and establish partnership manufacturing with our customers. This makes it possible for customers to focus on key competence, and utilize IQ Metal efficient, unique and scalable supply chain.

We do not market our own products, and are totally committed to being the most effective supplier of integrated metal solutions for our customers.



Industries we serve include:

Wind turbines
 Defence industry
 Electronic equipment
 HVAC
 Vending machines
 Medico technical equipment
 Furniture
 Graphic printing machines
 Rehab
 Signage
 Internal and external logistics
 Retail interior and shop fittings
 Food processing machinery
 Exhibition systems and fittings
 Stoves
 Cabinets
 Refrigerators
 Sanitary products
 Machinery

Bended, welded and surface treated enclosure for wind turbine control systems



Stainless steel enclosure for food processing industry control system



Welded aluminum frame for defence industry control system





Partnership manufacturing

Our cost-effective & exclusive set-up at your
disposal - almost your own factory



Process know-how warrants results

Design and construction

The key to a cost-effective product is to integrate production know-how early on in the design phase. At IQ Metal we offer a wide-ranging know-how and specialist knowledge on manufacturing products made out of metal, and we suggest you consult us for crucial input already in the idea phase when you develop new products. Our engineers utilize 3D software and integrate seamlessly with your construction staff, creating the perfect foundation for a close co-operation.

- Quick service
- Flexible external resource
- 3D software
- Exchange of data in all formats
- Design for manufacture

Laser cutting

Laser cutting is an extremely precise and cost-effective method of processing sheet metal, and typical for series of small to medium volume. At IQ Metal we perform laser cutting efficiently and with a high degree of flexibility for all batch volumes. We are able to make even large series cost effectively, owing to our high-speed laser cutting machines. We can combine laser cutting and turret punching with threading and other forming processes in one flexible machine, reducing cueing up of parts and eliminating risks of failures. In other words, processes that are traditionally carried out in several steps are reduced to one closed process only.

- Low setting up costs
- Capacity from 2.5 – 4 kW
- Integrated shearing, tapping and forming
- High precision and quality
- Optimum utilization of the material
- Minimal risk of deformation
- Increased productivity
- No need for post-process machining

Turret punching

Turret punching is performed efficiently on our CNC machines, for which we have a very high number of tools. Among the key advantages of turret punching are that the speed of punching is very high, and the metal is not subjected to heat. Turret punching is primarily used for relatively thin sheets, or when there is a high number of holes in a product. The efficiency is determined by the speed of the machinery and the number of tools on-hand, and at IQ Metal we have control of both. Turret punching is suitable from batches ranging from medium to high volume, and we offer integrated shearing, tapping and forming.

- High punching speed and quality
- Minimal thermal distortion from heat
- Optimum process for sheet metal plates up to 8mm thickness
- High utilization of the material
- A high number of tools available
- Integrated shearing, tapping and forming

Bending

Our machinery spans from traditional CNC bending machines over advanced semiautomatic panel bending machines to fully automated robotic cells. A wide variety of standard and special tools are available. Based on our expertise we determine the best process for the job, and this way we can manufacture both low volume and high-volume production batches cost-effectively. High production speed gives a quick and efficient production, and a large variety of tools means that we can bend in all shapes and angles.

- A high number of machines and tools available
- A highly flexible production
- Cost-effective in all volumes
- Fully automated robotic cell available

Welding

All types of welding (aluminium, steel, and stainless steel) can be performed at IQ Metal, and we always make sure that we meet the highest quality demands. Our welders are regularly certified by external certification organizations ensuring a consistently high quality.

- Welding of aluminium, steel and stainless steel
- Certified welders
- High quality
- EN1090/ISO3834 certified
- Welding is done manually or by robot



Machining

IQ Metal offers machining on 3 and 4-axis CNC centers able to handle products from 35 g to 350 Kg. Our machines are capable of handling sizes up to X=1600, Y=1100, Z=1100, and in this way we are able to service very diverse demands from our customers.

Since part of our production is carried out on very efficient unmanned robotic cells, we are experts in serial production of batches with a volume higher than 200 pcs, but we can also handle lower series efficiently.

- Very competitive supply of serial products
- Automated and fast machines
- High quality

3D measurement

Quality and process control are key performance parameters for IQ Metal, and we use regularly calibrated 3D measurement technology to control that our products fit the dimensions and parameters specified by our customers. Our 3D measurement equipment is semi-automatic, which means that we can quickly change products, which is very relevant in a production with a wide variety of components supplied to many different industries.

- Certainty of quality of products supplied
- Documentation of quality control
- Batch control
- Fulfilling specific industry standards
- Efficient quality control increases production speed

Finishing

All usual finishing processes are available in our own factory. Large orders are supplied cost effectively in co-operation with our subsidiary in Poland or local as well as global partners. We have a long experience and a large capacity in brush and drum deburring, and in throughfeed grinding and cosmetic grinding. As part of the finishing process, we carry out mechanical joining of components by means of rivets or alternative technical solutions, either on automated machines or manually. Mounting of pressure nuts, pressure bush, and pressure stay are also handled internally, and thereby reducing costly logistic time.

- All finishing processes available
- Automated or manual mechanical joining of components
- Saving logistic time reduces manufacturing costs
- High quality output
- High efficiency

Surface treatment

All types of surface treatment is handled in-house as well as using regular and approved partners. We hold extensive experience in all types of surface treatment, and quality is delivered according to relevant standards as well as specific customer requirements. Our day-to-day logistic flow with our partners guarantees a minimum of time lost in transit and reduces our overall delivery time.

- All types of surface treatment
- According to relevant standards
- Specific requirements are welcomed
- Quick response time

Assembly

Extensive experience in subassemblies and delivery of complete products. We utilize both internal staff and partner companies to correspond quickly to customer demands, making it possible to stay competitive while ensuring an overall high quality and a competitive total cost. Let IQ Metal handle your integrated metal solution and reduce costs in your value chain, while making sure that only one supplier is responsible for the quality of your complete product.

- Remove unclear areas of responsibility when using many partners
- Reduce the risk of late delivery
- Reduce costs
- Increase your competitiveness

Recent years' increasing demands for documentation and control of processes from major customers in global industries have set new standards among industrial sub-suppliers.

PPAP stands for Product Part Approval Process, and it was originally developed in the automotive industry. It is now spreading to other industries, and IQ Metal is fully PPAP compliant and delivers level 5 PPAP documentation. With the implementation of PPAP, Six Sigma, GPS and related frameworks have become everyday terms in the factory of IQ Metal.

IQ Metal is continuously using the below mentioned accredited companies in relation to ISO9001:2015, EN1090, EN3834 etc. Please visit our homepage for current certificates.

Our key competence is not only the physical product you hold in your hands, but all the invisible and intangible processes surrounding the product, that makes it possible for our customers to achieve the lowest total cost.

To be on the forefront of responsible development, IQ Metal has implemented a comprehensive CSR policy, and both IQ Metal A/S and IQ Metal Sp. z o.o. are fully GDPR compliant. In addition, IQ Metal has achieved the green smiley from the Danish Working Environment Authority.

We will continue to develop our processes, to make us even more attractive as a partner to professional customers.

Inspecta





Total Cost Total Quality Total Delivery





Tomorrow better than today

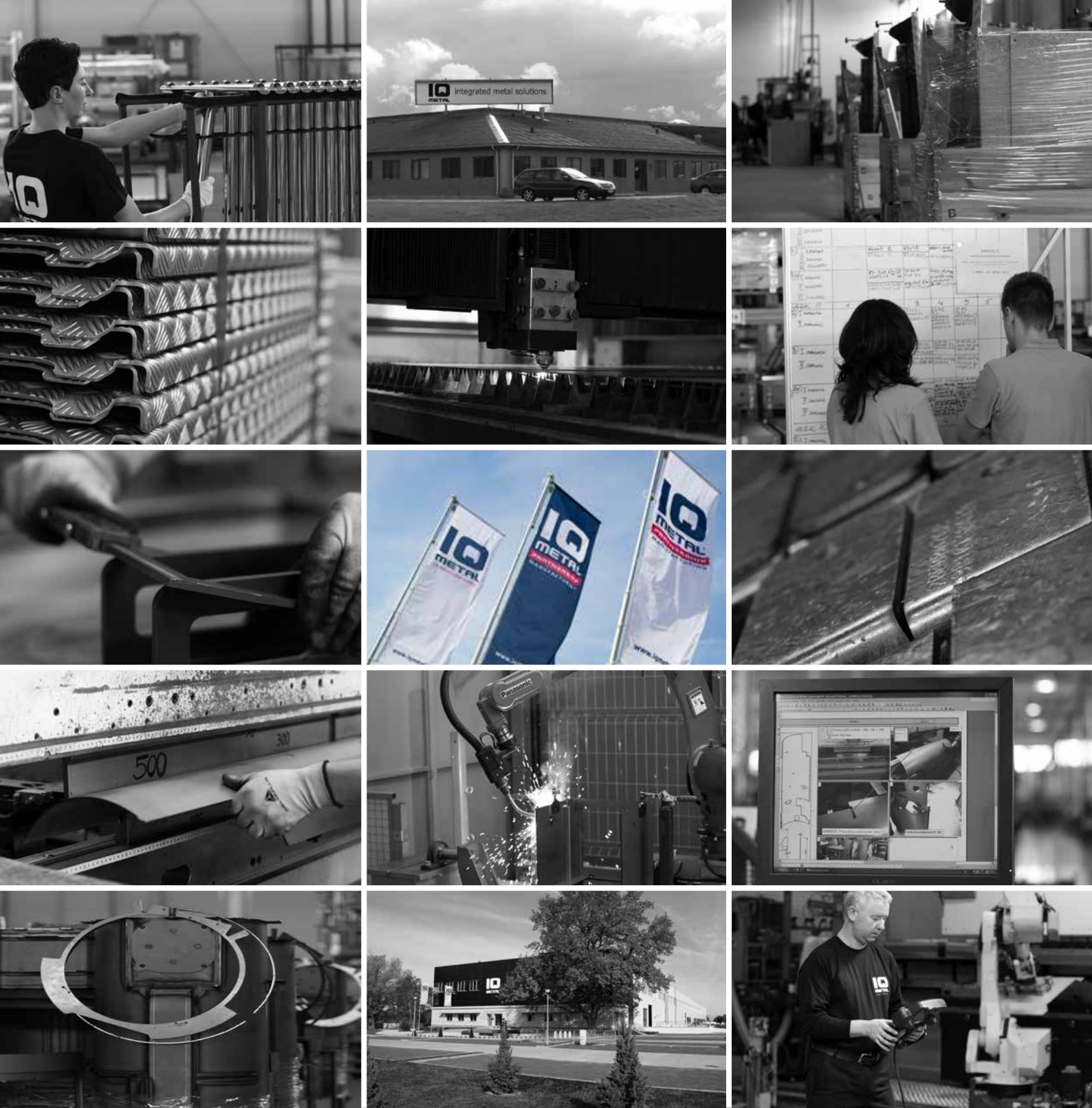
If you decide to work with IQ Metal, you also decide to leave nothing to chance. We are experts in controlling processes, because we understand how important it is to have your products supplied on-time in the right quality.

We supply components, subassemblies and total solutions on the basis of the same process that guarantees efficiency, performance and compliance with whatever quality systems you require. We are used to working with and utilizing systems such as ISO9001:2008, EN1090/ISO3834, Six Sigma, Lean and PPAP, and we are regularly audited by our customers.

When it comes to services, we provide high quality assistance with prototypes, engineering, design, sourcing, production preparation and supporting the value chain of our partners. All in all, this adds up to an integrated metal solution, where we become your partner for the long term.

Ongoing focus on innovating for efficiency and quality is expressed in our goal of making "Tomorrow better than Today". We aim to be among the best suppliers of quality products when compared to similar companies.

IQ Metal always follows all relevant environmental requirements and is never in conflict with the law. We do not use solvents, chlorine or any other environmentally hazardous consumables. Our working environment is screened and approved regularly, and our very active safety organization is headed up by the top management.



IQ
METAL
integrated metal solutions

www.iqmetal.com