

# PRECISION IN STEEL AND ALUMINIUM



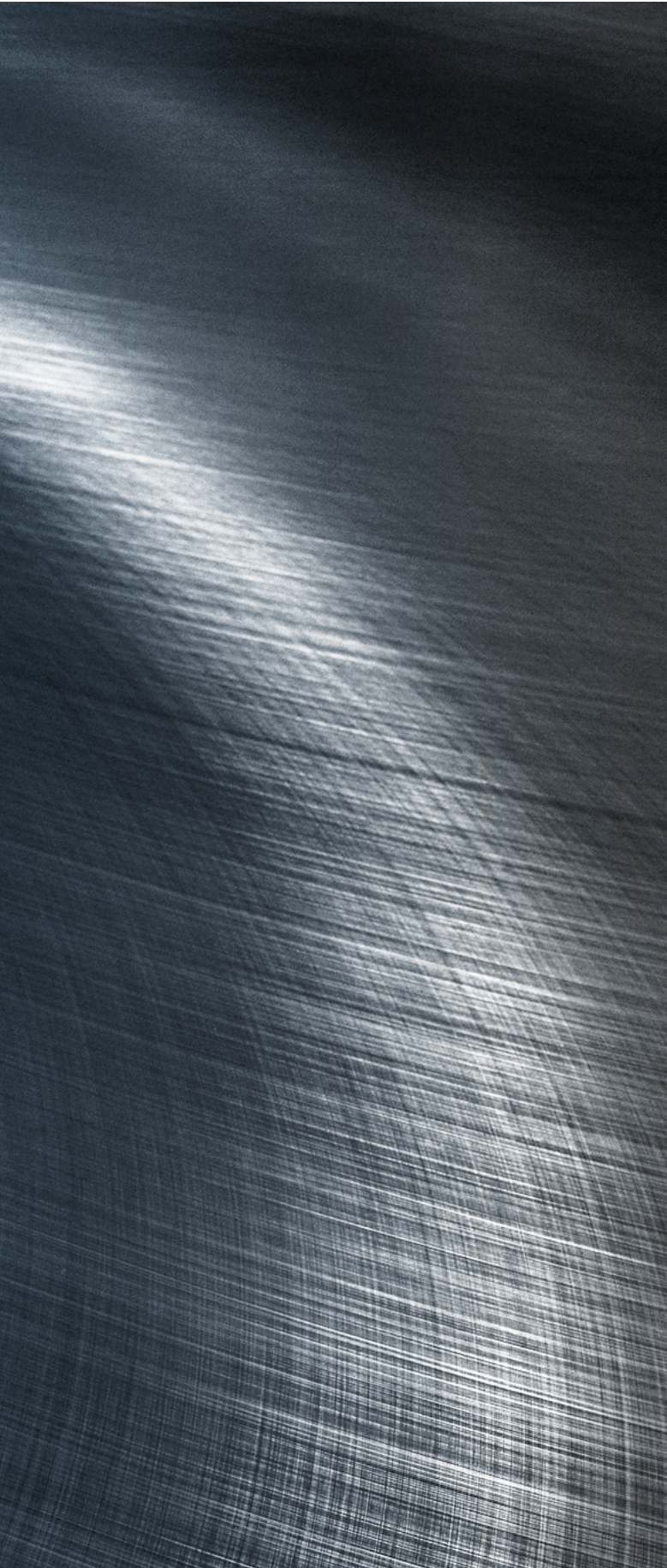


“HABA is a Swiss company that is specialised in the processing of steel and aluminium plates since 1966. Our goal is to supply the customer with the right material at the right time, and we maintain a expansive warehouse for this purpose. As a result, our customers do not just receive the products of the highest quality, they also gain valuable time.”

A handwritten signature in white ink, appearing to read 'Mauri', is centered on a dark blue background.

Mark E.B. Hauri, President of the Management Board





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Handover of the company management from founder Max Hauri (bottom row, centre) to his son Mark (to the right of him), 1986.

## 4 FROM FAMILY FIRM TO INTERNATIONAL GROUP MORE THAN 55 YEARS EXPERIENCE

HABA AG has a history stretching back more than 55 years. The company was founded in Switzerland in 1966 as a small family-run business. Its original goal was to supply customers with unprocessed, yet ready-cut plates and to shorten the further processing stage by seven days as a result. It was soon recognised that valuable additional time can be saved by pre-processing the plates – e.g. by cutting, milling and sharpening. And so, step by step, the current portfolio of services gradually developed.

By working closely together with highly-qualified manufacturers in mechanical engineering, it was possible to continually increase the extent of the prefabrication in the following years. Between 1989 and 2008, national subsidiaries were established in

Italy, Germany, the Czech Republic and Austria, thereby expanding the company into important machinery manufacturing sectors in Europe.

Today, the HABA Group fulfils more than 80,000 orders per year. As a systems supplier of ready-to-install assemblies, the company supplies customers in the packaging and food industry, medical technology or toolmaking sectors as well as market leaders in the automobile and aerospace industries. The aim of shortening production times for customers and thereby flexibly responding to individual needs continues to have utmost priority today, just as it did 55 years ago.

Company founded in Uster, Switzerland



1966

HABA Germany in Herrenberg



1991

HABA Austria in Brunn am Gebirge



2008



HABA Italy in Costa di Mezzate



HABA Czech Republic in Brno



HABA Aerospace EN 9100-certified

1989

2007

2015

# THE HABA GROUP

## A RELIABLE PARTNER

More than 7,000 customers place their trust in the proven quality of HABA. This quality as well as reliability and availability form the basis of our successful work across Europe over the long-term. Our particular strength lies in finding optimal solutions to problems involving materials, processing, procurement or capacity. The most important element in this is our customers' long-term market success, which some 200 employees across all our national subsidiaries dedicatedly strive to maintain. Thanks to its large range of products and materials, an extensive semi-finished product warehouse consisting of more than 4,000 tonnes and its extremely flexible machine capacities, the HABA Group has managed to establish itself as the market leader in the refining and further processing of steel and aluminium plates during recent years. Our range of services is supplemented by a Europe-wide partner network.

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“The benefit to the customer is at the very heart of our day-to-day work. We demonstrate our commitment to this philosophy by resolutely implementing our company values. This makes HABA the perfect partner for customers who are seeking innovative solutions in steel and aluminium. It is important for us that valuable long-term partnerships grow from business relationships so that both sides profit.”

Martin Córdova, HABA Group CEO

FLEXIBLE AND FAST CUSTOMISED SOLUTIONS

100% RELIABILITY AND DEPENDABILITY

PROFESSIONAL CONSULTANCY

MAXIMUM AVAILABILITY

CONSISTENCY (STABILITY AND TRUST)





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## RAW MATERIALS OF HIGH QUALITY AND LOCAL

Thanks to an extensive inventory of steel, stainless steel, aluminium and customised special materials, HABA can always guarantee supplies to its customers.

As the market leader, we place great importance on immaculate, high-quality raw materials. This is why only materials from within Europe are used, which are procured from leading manufacturers. In purchasing materials, HABA also places its trust in long-standing partnerships that have been established over the years.



## **STRAIGHTENING AND ANNEALING**

### PRECISE AND STABLE

HABA only works with impeccable materials. The components are therefore precisely straightened using large mechanical presses after being carefully inspected upon arrival. In combination with the subsequent heat treatment, perfectly flat plates are created – a characteristic typical of HABA's standard of quality.

The annealing process, developed by HABA and perfected over many years, reduces the residual stresses in the raw material to a minimum. This refining of the material gives the product outstanding evenness and stability, significantly improving the later machinability and dimensional stability.





## MILLING

### LARGE AND FLEXIBLE

With a diameter of 3100 mm, HABA owns one of the largest milling heads for aluminium processing. As a result, plates are milled with a degree of accuracy that is unique within the industry. The large choice of different portal milling machines enables materials of every size and quantity to be flexibly processed.

Materials are delivered for further processing in their preliminary or finished sizes in the following dimensions:

Steel:

- max. processing size 2000 x 5000 mm
- parallelism 0.1 mm with a tolerance of 0.2 mm

Aluminium:

- max. processing size 2800 x 4850 mm
- parallelism 0.05 mm within a tolerance field of 0.1 mm





## GRINDING

### EXACT AND EFFICIENT

Optimal precision and surface finish are also fundamental in the grinding process. The components are ground on pot grinding machines to the famous HABA standard of quality and give the surfaces their characteristic cross-hatch pattern. The parts are optimally cooled throughout the process to prevent the structure of the surface from changing and stresses forming within the component. HABA uses the correct grinding segment for each material. This ensures the greatest degree of precision in the thickness, parallelism and flatness of the plates and processed components.

#### DIMENSIONS

Steel, stainless steel and aluminium: max. 3600 mm  
Diameter/width across corners or 13000 x 1000 mm

- Thickness tolerance: +/- 0.1 mm
- Parallelism: < 0.05 mm
- Roughness < Ra 1.6

More precise specifications are possible.





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## CUTS 24-HOUR SERVICE

A modern, partly fully-automated fleet of machines is available for customised cuts of steel or aluminium. Customer-specific dimensions can therefore be delivered within 24 hours. The carbide circular saws provide the processed material with a clean and precise cut surface, which eradicates the need for any post-processing. The finished parts are labelled and, upon request, deburred, faceted and their flatness checked.

### DIMENSIONS

Aluminium: Custom dimensions of up to 5300 mm cutting length, thickness up to 200 mm

Steel: Custom dimensions of up to 3000 mm cutting length, thickness up to 150 mm



ONLINE PRESENCE  
**HABA ONLINE STORE:**  
24 HOURS A DAY,  
7 DAYS A WEEK.

Using the product generator on our website, customers can configure, calculate and – at the push of a button – order any size themselves.

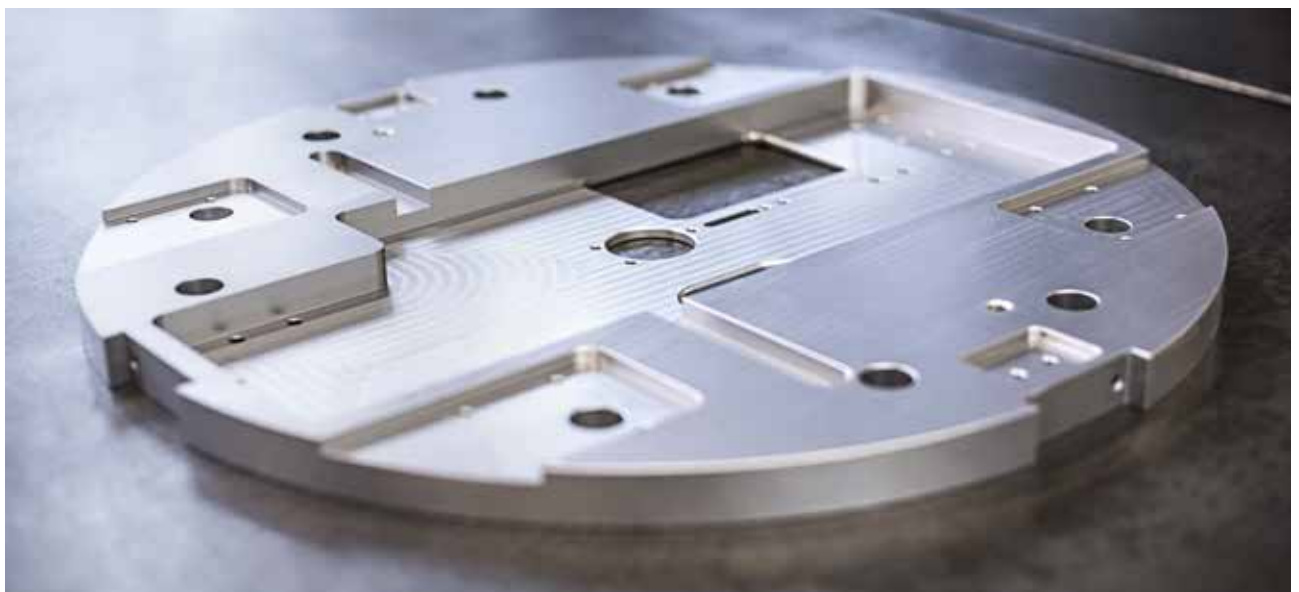


## DRAWING PARTS

### FULLY-FINISHED FROM A SINGLE SOURCE

From the initial drawing, right through to the fully-finished component – HABA will take over the full responsibility for the process if you wish. This includes both the technical consultation and optimised manufacture of the parts as well as the heat treatment, surface coating and quality certification.

Due to a network of specialists that has grown over decades and HABA's own processing options, a fully finished part as per the drawing can be delivered faster than the usual waiting times, irrespective of whether it is an individual or serial part. All stages of the process will be optimised to such an extent that the best result is always achieved in terms of quality, deadline and cost.



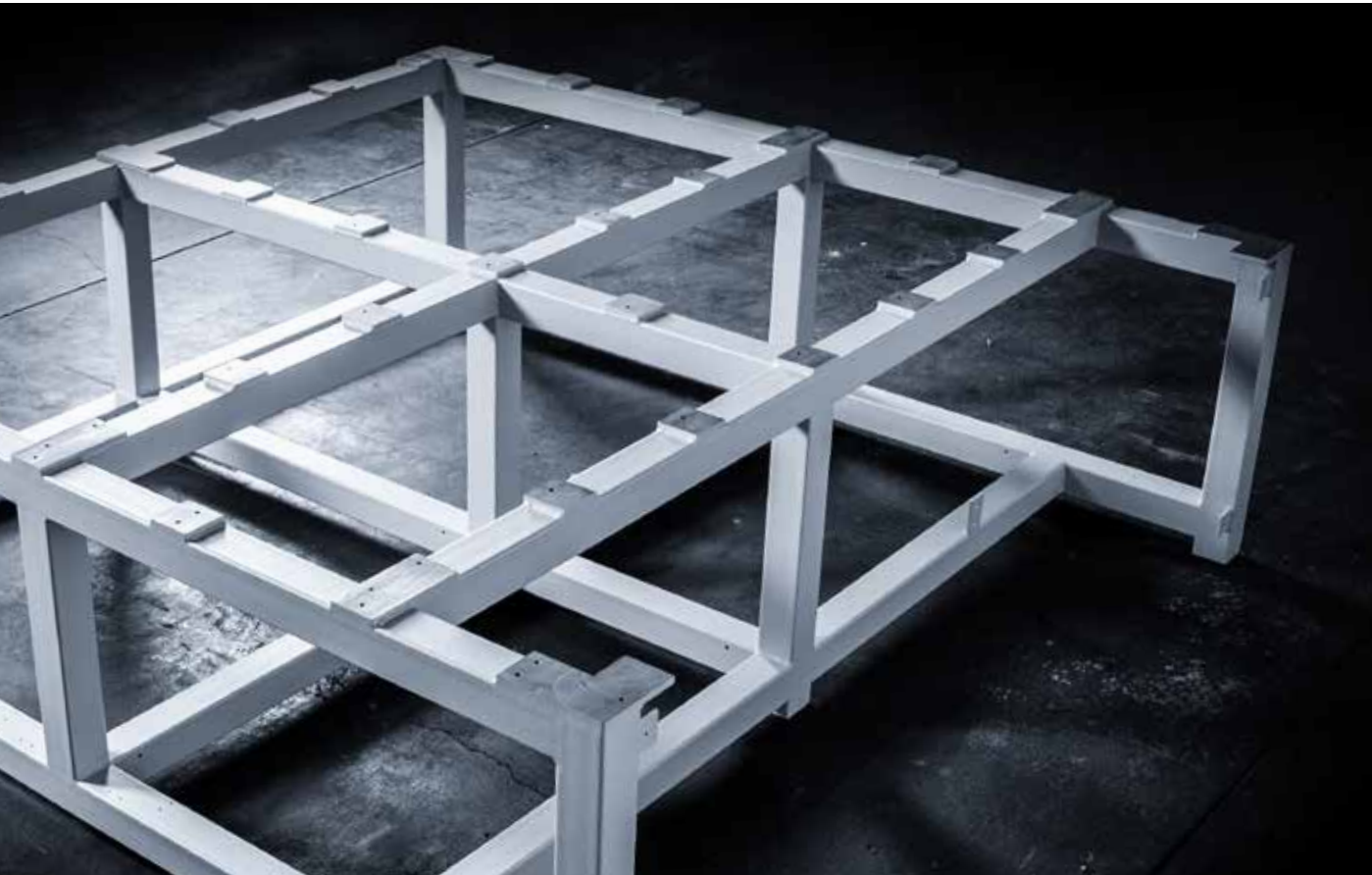


## FRAMES PLUS

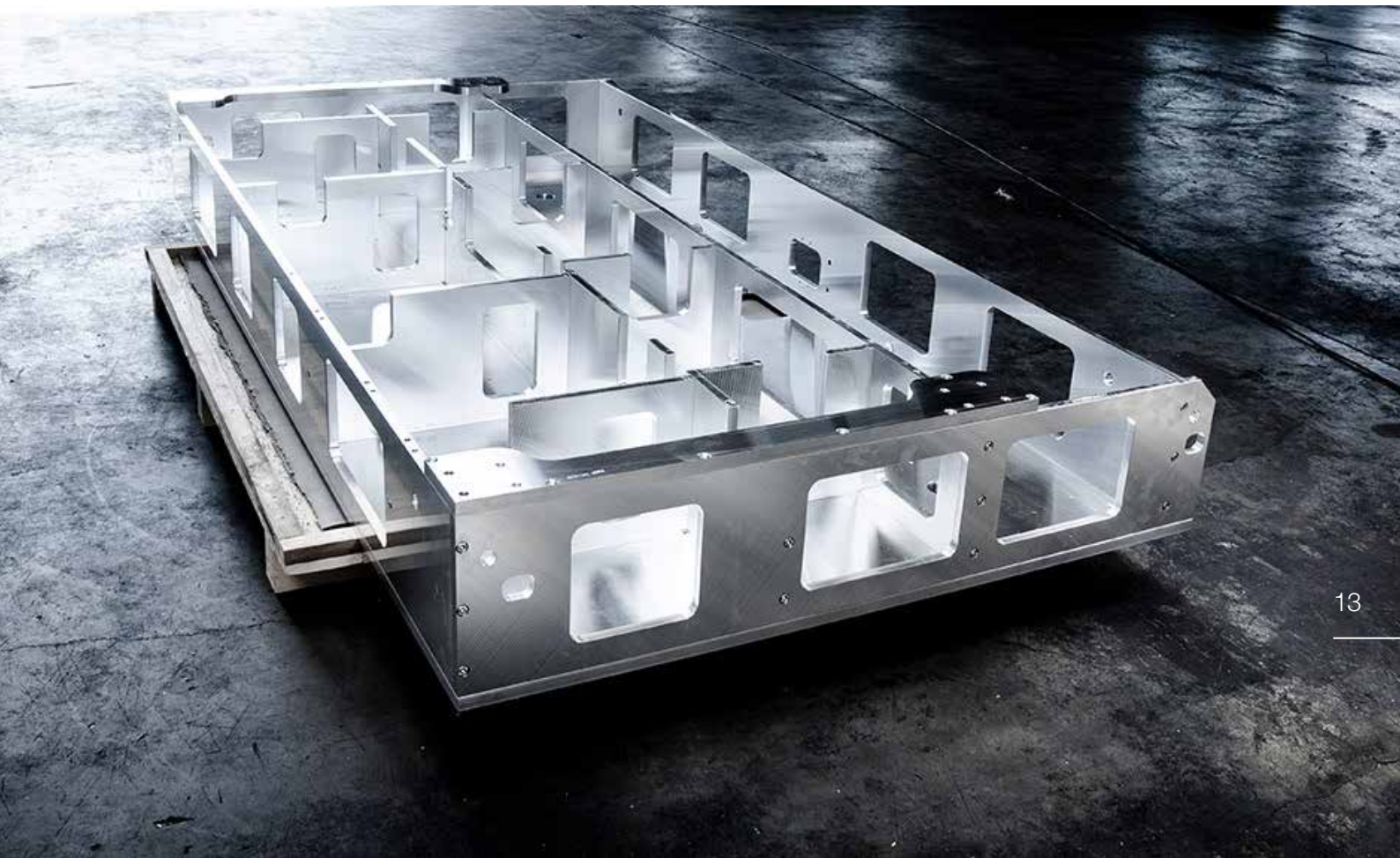
MAIN CONTRACTOR FOR EVERY STAGE OF THE PROCESS

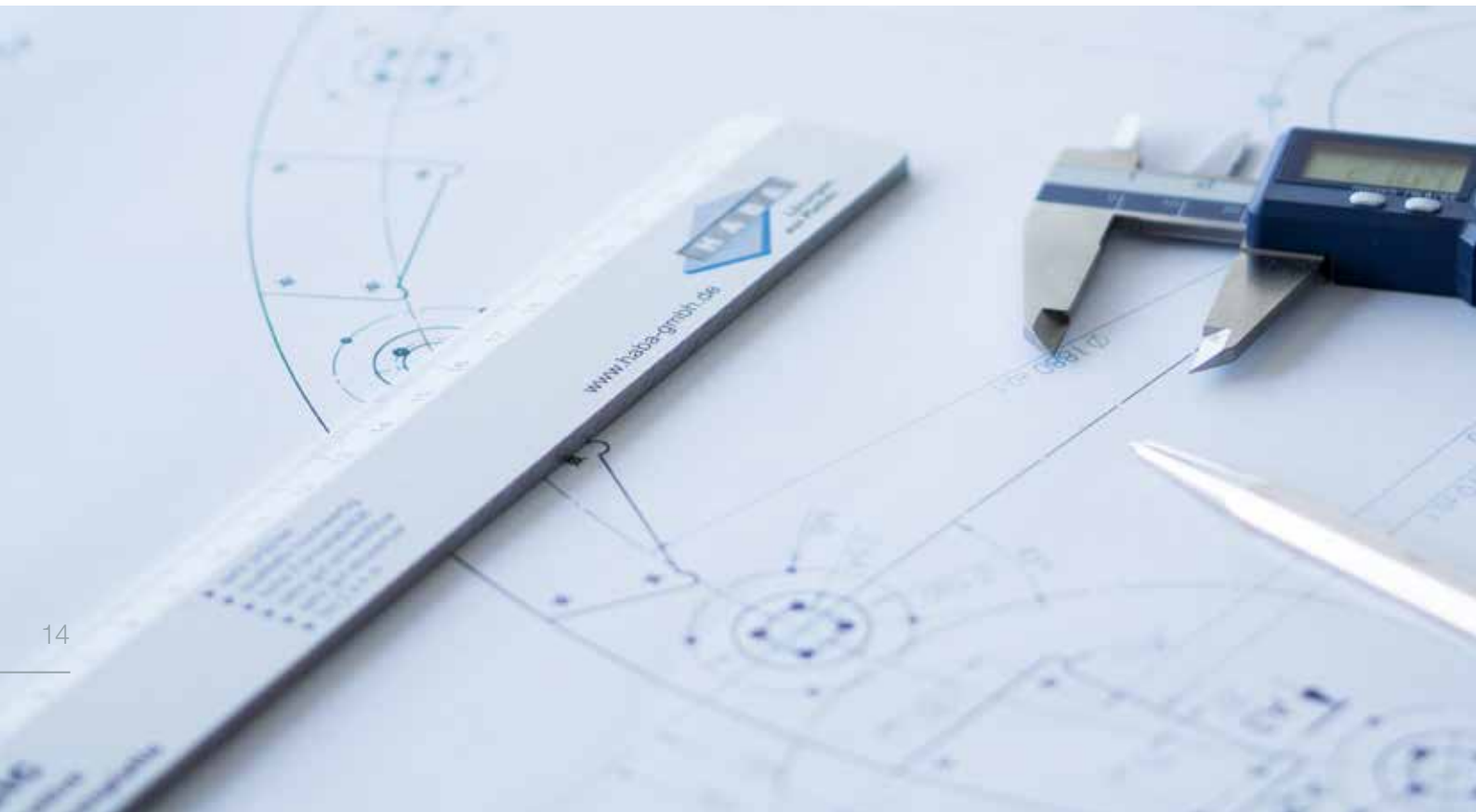
HABA's many years of experience has provided the company with extensive know-how in the entire production process: right from the raw material itself to the fully-finished, ready-to-use parts and tested assemblies. HABA shares this knowledge and, as the main contractor, assumes the responsibility for the quality of the fully-finished part, just as it does for meeting costs and deadlines – no matter whether it is dealing with steel, aluminium, stainless steel or other materials. Thanks to a large network of suppliers and partners, HABA's capacities are almost endless.

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## AEROSPACE

### CERTIFIED AND WITH A GLOBAL NETWORK

As an experienced materials specialist, HABA also solves procurement and logistics problems in the aerospace sector. Being a supplier of plates and round material cuts, HABA produces both finished components and entire assemblies. The company has held the EN 9100 aerospace certificate since 2015 and, thanks to a global supplier network, is able to procure products and materials complying with every norm and standard requested – even such products and materials which are unavailable in Europe. All materials are stored and processed in a warehouse built solely for aerospace materials, which ensures that fast delivery and 100% traceability is always possible.

Due to its many years of experience in the international processing of orders, HABA fulfils all the important specifications for fast, trouble-free deliveries to the destination, including export packaging and customs formalities.

The HABA Group is a member of:



**LR BW**

Forum Luft- und Raumfahrt  
Baden-Württemberg e.V.

**lombardia  
aerospace  
cluster**









## QUALITY MANAGEMENT

### CUSTOMER SATISFACTION TAKES PRIORITY

#### QUALITY SYSTEM

At HABA, quality is more than just a buzzword, which is why customer satisfaction and adherence to schedules are systematically checked. Testing records, certifications and certificates are issued upon request. Standardised procedures and criteria highlight opportunities for improvement and ensure that processes are running in an optimal manner.

This is also the case when it comes to safety. We have

introduced special protective films and packaging (HABA Safe).

However, HABA can only undertake a continual improvement process (CIP) and adapt to changing situations with the help of motivated and skilled staff. Initial and further training is therefore a matter of course and an important factor in the success of the HABA Group.



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Aerospace certified according to EN 9100

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## SUSTAINABILITY

### BALANCING ECONOMIC AND ECOLOGICAL INTERESTS

#### HEALTH

Air contaminants are formed during the processing of materials. By using closed suction devices attached to the machines and special air purification towers, the air inside the production halls is cleaned and fed back into the environment without any loss of heat.

#### ENERGY CONSUMPTION

In addition to the heat recovery from the waste heat generated by the machines, HABA also uses solar systems, which generate the majority of the energy required.

#### WASTE DISPOSAL

Oils, cooling agents and all other special waste are handed over to specialist waste disposal companies for further processing. Metal waste from the production process is correctly sorted and reintroduced to the manufacturing of raw materials process by way of special pellets and by utilising leftover pieces.

#### IMPORTANT FOR US

- > A CLOSED CYCLE
- > RECYCLING OF MATERIALS
- > EXTRACTION FROM PRODUCTION MACHINES
- > WATER TREATMENT
- > AIR PURIFICATION
- > ENERGY RECOVERY

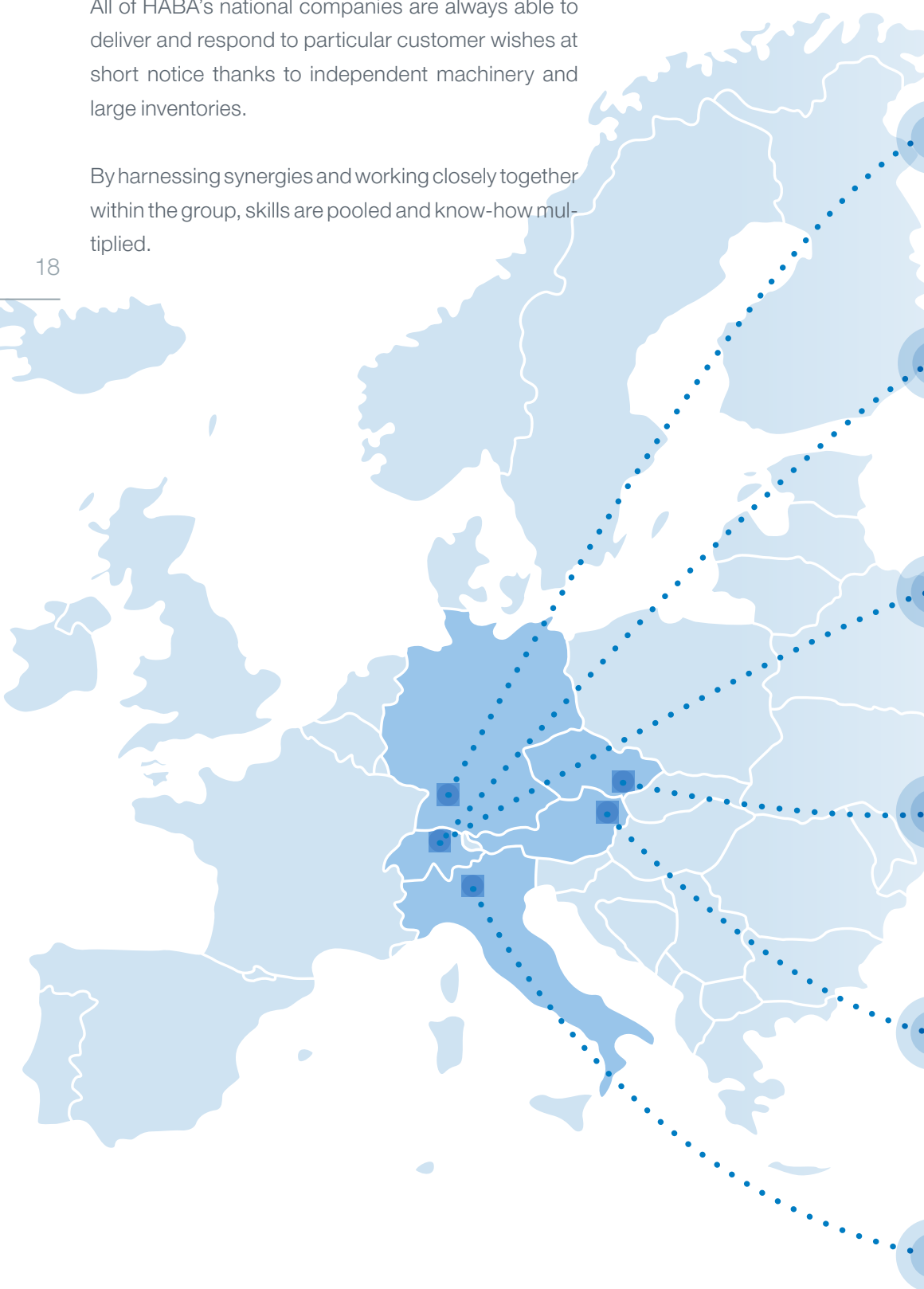


# LOCATIONS

## INTERNATIONALLY INTERLINKED

During the past 55 years, the HABA Group has developed from a small family-run business to an industrial company operating right across Europe. All of HABA's national companies are always able to deliver and respond to particular customer wishes at short notice thanks to independent machinery and large inventories.

By harnessing synergies and working closely together within the group, skills are pooled and know-how multiplied.



HABA PlattenService GmbH  
Germany



HABA AG  
Switzerland – Administration



HABA AG  
Switzerland – Production



HABA s.r.o  
Czech Republic



HABA GmbH  
Austria



HABA ServizioPiastre s.r.l.  
Italy



**“HABA – 55 years’ experience and one goal:  
Simplifying the work for our customers.”**

## SWITZERLAND

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More information about HABA and the products can be found on our website.

