

# HUNDEGGER

*“It’s our customers who have the best ideas. All we need to do is listen carefully!”*



Hans Hundegger





**HUNDEGGER**  
Innovationen für den Holzbau

Company premises  
about 60.000 m<sup>2</sup>

Halls & office space  
about 33.500 m<sup>2</sup>

Employees at the Hawangen site  
about 560

Delivered machines  
about 7.000

Customers around the world  
in 59 Countries

Market share for CNC joinery  
about 90%

Sales & service partner  
24





Josef Hundegger, Hans Hundegger

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Innovationen für den Holzbau

## “Our customers and our employees are the pillars of our company”

**Every day, our employees are committed to developing and producing machines that offer you high technical quality and economic benefits.**

Our primary goal is to ensure job security over the long term, because only employees with good future prospects will identify with the company and go all out to support our customers. For us, this also means giving our employees a direct stake in the company's success in the form of dividends.

It is a matter of honour for us to provide our customers worldwide with objective and goal-driven advice based on our decades of experience and high competence. We consider our customers to be long-term partners, guarantee them an absolutely fair price structuring and offer extensive and appropriate warranties.

Our service philosophy is based on one clear principle: Our focus is always on our customers: from consulting

and production support during the purchase of a new or used machine right through to the guaranteed repurchase of used Hundegger machines at a fair price.

Our future prospects will be secured by a team that can draw on its knowledge in order to continually adapt existing products to new market requirements and develop innovative solutions to meet new challenges.



2003

Schweighofer Prize



2006

Bayerns Best 50



2007

Entrepreneur



2018

Bayerns Best 50



2021

Top100 Innovator



2021

Bayerns Best 50



2022

Großer Preis des Mittelstands



# Innovation from the very start.

**It all began in the 1970s, when all Hans Hundegger really wanted to do was streamline his parents' sawmill. But in doing so, the qualified mechanical engineer and designer saw the huge market potential and began developing and producing his own sawmill machinery.**

In 1978, he founded the Hundegger company. In 1981, inspired by Jakob Maier, the head of a timber construction company in Türkheim, Hans Hundegger began developing the first ever fully automatic joinery machine. This laid the foundations for global success, which will continue to be forged in the future.

From the very beginning, the range of products was continually expanded. Today, Hundegger offers a complete product range that can boost the profitability and competitiveness of every timber construction company, large or small.



1978

1978: Foundation of the company in a "cow shed"; planning and production of sawmill plants.

1981

Development of the first computer-controlled joinery machine begins.

1985

Delivery of the first P8 joinery machine.

1987

Development of the world's first 4-sided structural timber planing and chamfering machine with floating planing heads.

1996

K1 4-axis joinery machine concept presented.

1999

Showcasing of K2 with revolutionary transport system.

1999

Development and delivery of the first PBA for machining cross-laminated timber.

2000

Development & patenting of the Massiv-Holz-Mauer® and its production plant.

2003

Development and delivery of the first cutting machine SPEED-Cut.

2007

2007: Development of the SPM panel processing machine for all panel materials used in construction.

2010

First presentation of a company-developed 6-axis robot unit.

2012

First delivery of the Robot-Drive, a revolution in floor space and flexibility.

2023

2023: First delivery of the revolutionary PBA-Drive concept, processing of cross-laminated timber in a run.



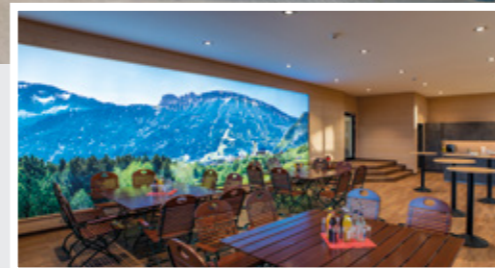
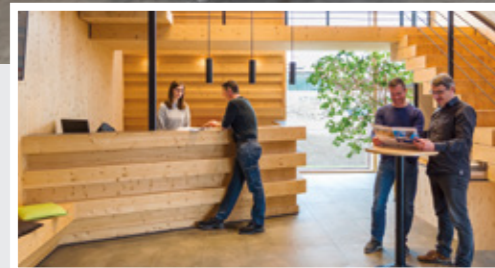


## Technology centre for presentations, training courses and developments.

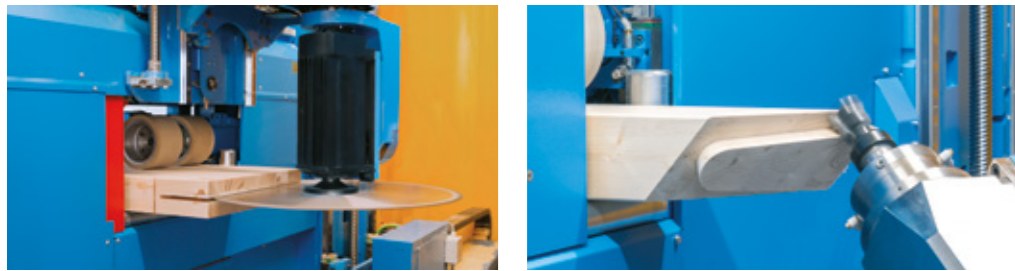
**By investing in a new technology centre over an area covering around 2,500 m<sup>2</sup>, we have created a further milestone at the Hawangen site to provide practical demonstrations and state-of-the-art training courses.**

The centre contains operational machines demonstrating performance and flexibility under real conditions.

We are also happy to support your own innovative product developments, which can be fine-tuned on the optimum machine in our technology centre.







## Hundegger joinery machines for maximum precision and profitability.

**Hundegger's success as a company is inextricably linked with the development of joinery machines that were first launched by Hundegger in 1985. Today, and for many years now, Hundegger has been the world market leader for CNC joinery machines, with a market share of over 90 percent.**

The universal, flexible machines are used in all areas of wood construction, from carpentry joinery, contract joinery, timber-frame construction, log house construction, prefabricated house construction and glulam joinery through to the production of playground equipment.

The units, which are specially designed for timber construction, offer unlimited machining possibilities including sawing, milling, drilling, slot-cutting, marking and labelling – nothing is impossible. The heart is the 6-axis robot unit. For this first time, this enables all operations to be performed on all part sides in a single run. In each case, the required tool is simply inserted automatically.

The range of joinery machines we offer opens up fascinating opportunities for any company, big or small.



Joinery machines

**ROBOT** - Compact

**ROBOT** - Drive

**ROBOT** - Max

**K2** - Industry



# Hundegger cutting machines – the most efficient way of machining construction timber.

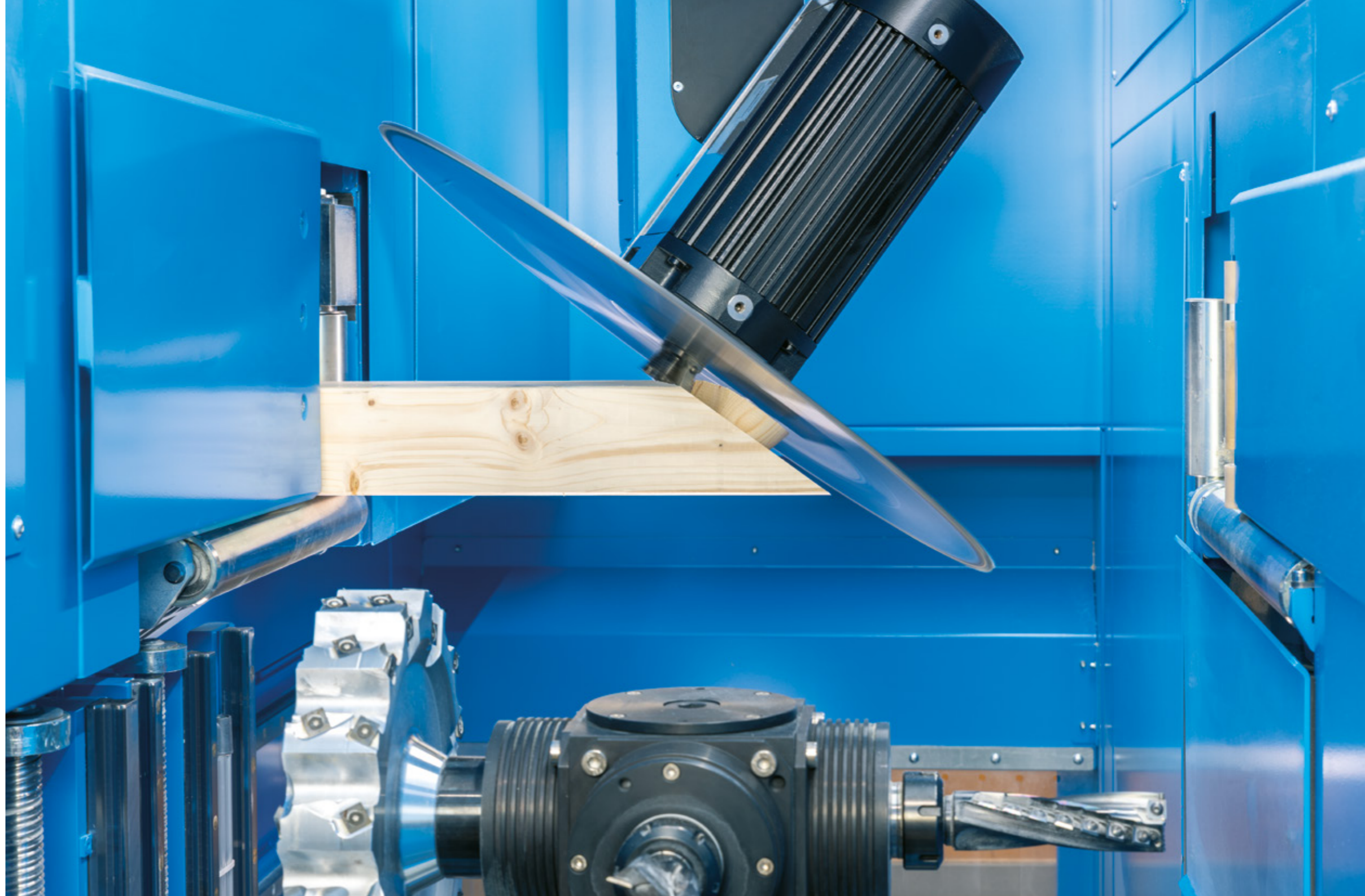
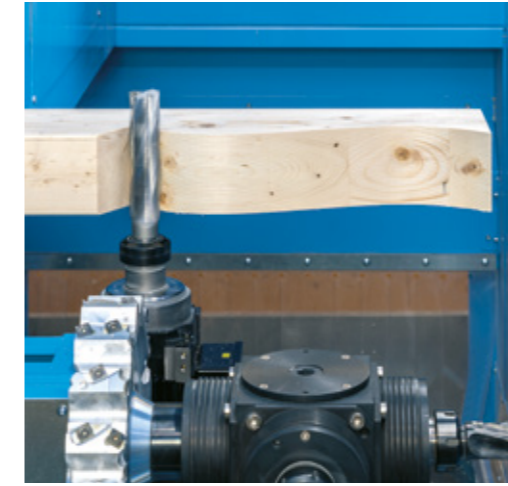
**Hundegger cutting machines were first launched on the market in 2003 and are the right choice when you need fast and flexible cutting.**

Several stacked parts can be not only cut but in many cases completely processed in one run. Cross-sections from 20 x 40 mm to 240 x 480 mm are possible.

The main unit in all Hundegger cutting machines is the universal 5-axis saw unit, which can produce cuts and slots at practically all angles and inclinations. Milling and drilling units and other useful additional units, including a fully-fledged joinery machine, can be incorporated at any time, even retrospectively, thanks to the modular concept.

Typical areas in which the Hundegger cutting machines are used include timber-frame construction, the cutting of packaging material, girder parts or the automatic cutting of bar-shaped wood materials.

But Hundegger TURBO-Drive, for example, is also part of the automated TrussLinc® manufacturing system.



Cutting machines

**SPEED** - Cut

**TURBO** - Drive



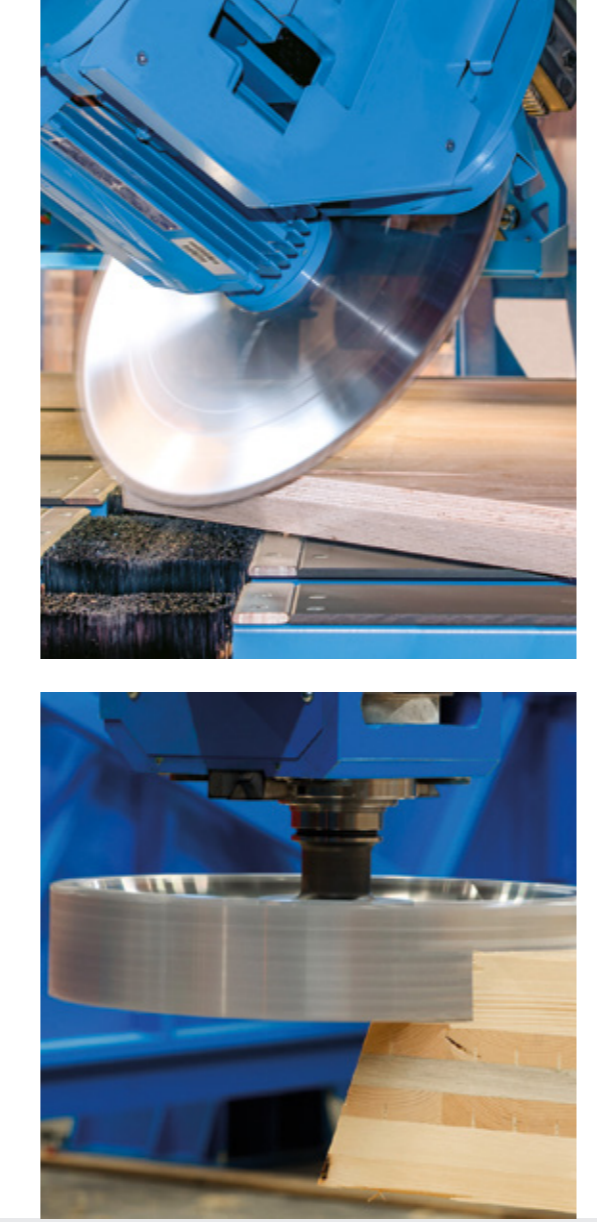
## Hundegger panel processing machines – from CAD drawing to finished part

**Hundegger has been offering solutions for the panel processing of cross-laminated timber and laminated girders since 1999. Today, these include machines that can process parts with a width of up to 5,000 mm and a thickness of up to 500 mm in both stationary and continuous-feed facilities.**

With high-performance 5-axis units, complete processing with cut optimization is possible with maximum precision and efficiency, whether you are processing cross-laminated timber, laminated girders, SIP panels, OSB, plasterboard, fibre cement, woodfibre or aluminium, for example. Possible operations include sawing, milling, drilling, marking, labelling and slot-cutting.

The possible applications are manifold – and include not only the machining of laminated girders or large cross-laminated timber (CLT) panels but also the formatting of wood materials and mineral panels for timber-frame construction.

The MHM system is the best example of the diverse areas in which our panel processing machines can be used. The Massiv-Holz-Mauer® [solid timber wall] construction concept is a particularly interesting alternative - both to the conventional solid construction method using bricks and concrete and to all timber construction systems available on the market.



Panel processing

PBA - X

PBA - Drive

PBA - Industry

SPM

WALLMASTER

MHM - Production line





## Automated production with Hundegger manufacturing systems.

**Ahead of the trend, Hundegger had already developed the first solution for automatic machine loading in 2005. Today, automation is a central factor for success in a market that suffers from a shortage of skilled workers.**

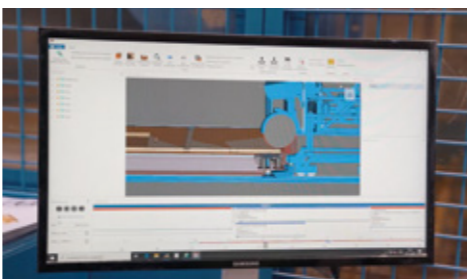
With our solutions, skilled workers can be deployed at key positions and production can be made more efficient and profitable. The modular system enables customer-specific requirements to be met.

With our Pick&Feed loading and storage systems, the raw materials needed for an order are automatically fed to the processing machines in the right sequence. After processing, the transportable packages of finished parts can be automatically put together with the Pick&Place packeting systems.

Both systems can be modularly adapted to the task in hand and are available for bar and panel machines.

The TrussLinc® system automates optimized cutting and the subsequent sorting of nailed truss components. Here, too, we offer extremely flexible configuration options to meet as many customer requirements as possible.

Hundegger manufacturing systems enable you to optimize all bar joinery operations, prefabricated house construction and truss production.



Hundegger TrussLinc®

Hundegger Pick&Feed

Hundegger Pick&Place



# From CAD to the finished part with CAMBIUM®.

**One software for all machines – the result is CAMBIUM®, a highly efficient solution that originated in 1986. Today, the CAMBIUM® software is constantly being developed by more than 35 Hundegger software developers.**

Instead of having to grapple with external software to organize complex connections, you use CAMBIUM® to perfectly control all work processes.

Data is transferred directly from the CAD programs at the click of a button. CAMBIUM® opens up a world of possibilities to

you, for example in cut optimization, configurable processing strategies, digital simulations or runtime calculations.

In addition, we promise free updates for the life of the machine – so you aren't faced with extra annual costs.

Our highly efficient Hundegger production platform provides new dimensions of added value. You focus on production – we'll take care of your productivity!



**CAMBIUM® CORE**



**CAMBIUM® BVX STANDARD**

**CAMBIUM® DIGITAL TWIN STANDARD**

**CAMBIUM® CAM STANDARD**

**CAMBIUM® CONTROL STANDARD**

**CAMBIUM® NESTING 1D STANDARD**

**CAMBIUM® NESTING 2D STANDARD**

**CAMBIUM® REPORTING STANDARD**

**CAMBIUM® MULTIPROCESSING STANDARD**

**CAMBIUM® IPC STANDARD**

**CAMBIUM® CO**



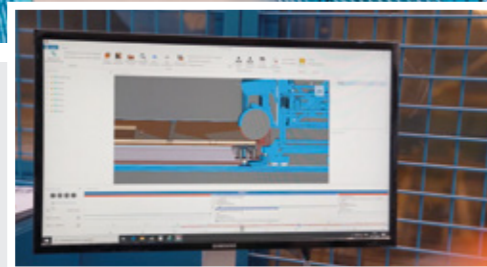
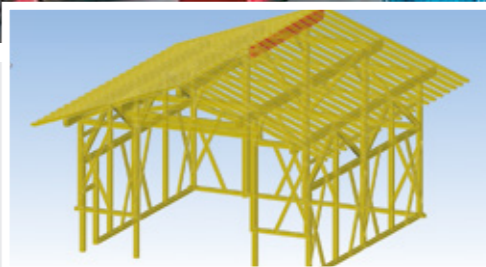


## Hundegger joinery 4.0 – experience tomorrow's networked manufacturing today.

**CAMBIUM® enables you to link up manufacturing across multiple machines. CAMBIUM® optimizes your production by automatically distributing parts over the various systems in the most efficient manner.**

You can monitor and control all your plants from a single location with the CAMBIUM® COCKPIT module. This also enables you to leverage the potential of networked manufacturing and CCM production planning.

These modules can be additionally ordered at any time, and our team will advise you on all the solutions based on your individual requirements.



**CAMBIUM® CHOICE**

**CAMBIUM® COMMAND**

**CAMBIUM® COCKPIT**



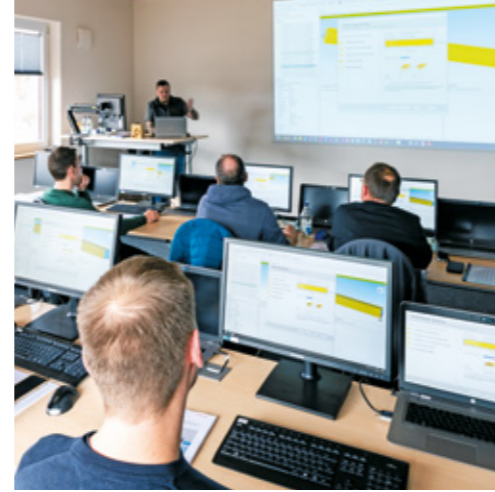
## Hundegger's expertise in training is the result of listening and taking a solution-focused approach.

**Why wait until the machine is finished before providing training? Wouldn't it be better if machine construction and training went hand-in-hand? That's exactly why we schedule your employee training to take place in parallel with the production of your machine in our factory.**

In our training centre in Hawangen, we are able to provide theoretical and practical training for your employees perfectly tailored to your machine. The training centre houses the latest machines from each series, enabling us to pass on concrete

and practical knowledge. Our training focuses separately on the areas of job preparation and machine operation. Once you have booked basic training, you can have additional employees trained free of charge.

All training can of course be held in your language, can be conducted online on request and in some cases held on your premises.



Training







## Hundegger Service – services, a machine life long.

**To ensure continuously the high productivity and availability of our machines, we have only one objective if the worst should come to the worst: to listen, immediately find a solution and provide spare parts or services as quickly as possible and in best quality. For example, we offer spare parts and tool supply within one working day far beyond the legally required 10-year term.**

All our 500+ Hundegger employees are committed to upholding our service promise to you and our hotline can be reached practically around the clock, seven days a week.

We have divided our services into six interrelated service packages, which cover the entire life cycle of every Hundegger machine. These include the planning, training, maintenance, parts and tools, delivery and production support packages.

Boosting the performance of older machines through special retrofits is another of our services, and one that is increasingly in demand.



## Hundegger application engineering – from the consummate application professionals.

**At the request of our customers, we have expanded our service portfolio and also offer support for job preparation.**

Our employees are consummate CAMBIUM® professionals and will find the best solution for your complex parts or operations.

**Delivery and startup**



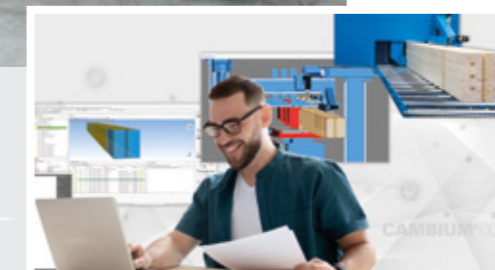
**Production support**



**Tool service**



**Maintenance**





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● Sales and service points

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