

Product overview


Innovation in
timber engineering












Hundegger **worldwide**

HEADQUARTERS

-  **Germany**
Hans Hundegger AG
www.hundegger.de

BRANCH

- | | |
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Hundegger France SARL
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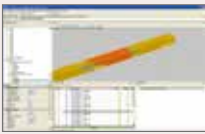


Demonstration and Training Centre

Let us demonstrate what we promise

The best way to experience our innovative drive, and the efficiency and flexibility of Hundegger machines is live. All the latest Hundegger machines are available ready for operation in our 1300 square metre demonstration centre.

In our training centre, experienced Hundegger experts are on hand to demonstrate the operation of the machines and show you how to fully leverage their technical potential using the highly developed software CAMBIUM.



CAMBIUM

Hundegger software satisfies all the demands and applications for engineering in timber

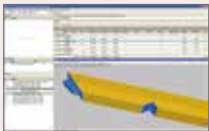
The integral element of all Hundegger machines is the newly developed CAMBIUM software.

CAMBIUM enables the entire production process from design through the work preparation to the finished component - in 1 powerful software package.

Completely eliminating interface issues, complex training high costs and the maintenance needed for multiple systems.

CAMBIUM was specifically developed to address the needs of modern timber construction. Cambium is easy to use, and inexpensive to maintain.

With free software updates, you will also benefit from dynamic and continuous future developments for the entire lifecycle of your Hundegger machine.



Work preparation

- Automatic data transfer from all customary CAD systems
- Cutting waste optimization and timber yield
- Material ordering
- Cost estimation
- Real-time simulation

Standardisation across all Hundegger machines

Production

- Same used interface for work preparation and production
- Automatic machine program generation and optimization (CAM)
- Integrated control system (CNC)
- Production data acquisition

Standardisation across all Hundegger machines

Other highlights

- Extensive and practical reporting
- Standard interface for integration in the plant IT system, and network
- Link-up with warehouse and automation systems

Standardisation across all Hundegger machines



Joinery machine **K2i**

The high-performance machine for all timber construction companies

- The Modular construction of the K2i, makes the machine extremely flexible, providing profitable solutions to all customers requirements
- Revolutionary Hi-tech handling system using gripper and guiding wagons guarantees extreme precision even when working with bent or twisted raw material
- Transport system also suitable for round timber and profile cross-sections



Min. cross section	20 x 50 mm
Max. cross section	300 x 450 mm / 300 x 625 mm / 300 x 1250mm



Joinery machine **ROBOT-Drive**

The versatile option:
Flexibility for every timber construction firm

- Processing on all six sides of the component, in a single pass without turning the workpiece
- 6-axis robot unit with automatic tool change
- Minimum space requirement:
max infeed length + max outfeed length + 3 m
- Extreme precision due to patented HMC system



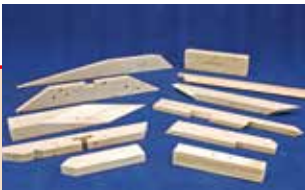
Min. cross section	20 x 60 mm
Max. cross section	300 x 450 mm / 300 x 625 mm / 300 x 1250 mm
Speed range	0–12.000 rpm



Automatic cutting machine **SC-3**

Flexible cutting with additional scope
for processing

- Sawing unit, suitable for all compound angle cutting
- Supplementary units for drilling, milling, slot cutting, marking and labelling
- Optimum timber yield with the integrated optimising „board stretcher“ feature
- High and efficient productivity through processing stacked components max height of 200 mm



Min. cross section	20 x 40 mm
Max. cross section	160 x 450 mm / 200 x 450 mm



Automatic cutting machine **TURBO-Drive**

High-performance cutting for all fields
of timber engineering

- Servo sawing unit for optional angular and inclined cuts
- Supplementary units for drilling, milling, marking and labelling
- Optimum timber yield with the integrated board stretcher
- High and efficient productivity through processing stacked components max height of 160 mm



Min. cross section	20 x 40 mm
Max. cross section	160 x 450 mm



Panel processing centre **SPM-2**

Throughfeed machine for the complete processing of all kinds of wood based panels

- Automatic stacking and infeed of raw panels
- Units for sawing, drilling, milling, slot cutting and labelling
- Automatic stacking of finished panels
- Optimum material utilization due to integrated cutting waste optimization



Panel format	1,3 x 3,2m / 2,6 x 3,2m / 2,6 x 6,0m
Panel thickness	min. 5– 120mm
Panel weight	max. 500kg



Panel cutting machine **PBA**

Complete processing of board plywood
timber and laminated girders

- High performance through multiple unit concept
- Units for sawing, drilling, milling, deep hole drilling, slot cutting and labelling
- Flexibility due to 5-axis technology with automatic tool changer
- Optimum material utilization due to integrated cutting optimization



Component thickness	max. 500 mm
Component width	max. 8 m
Component length	unlimited



Production line **Massiv-Holz-Mauer®**

The plant concept for the manufacture of solid timber walls Massiv-Holz-Mauer®

- Production of solid wall elements with minimal effort
- Automatic tongue and groove machine for profiling raw material
- Wandmaster for the efficient production of cross-connected MHM elements
- Gantry processing centre PBA for processing ready-to-install MHM elements



Element thickness	11,5 cm – 34 cm
Element width	to 3,25 m
Element length	to 6 m



Production line

Profile timber elements

The plant concept for the manufacture of profile timber elements

- Production of solid ceiling elements with minimal effort
- Optimum timber utilization due to minimal planing and cutting waste
- 1-man operation of the entire plant
- Space-saving overall concept



Element thickness	7,5–25 cm
Element width	max. 1,20 m
Element length	max. 12 m



Planing machines **HM-3 and HM-4**

Precise planing and chamfering of structural timber without pre-setting

- Automatic planing and chamfering to pre-set dimensions
- Automatic planing and chamfering with cross-section tracing
- Planing and chamfering of already joined components
- As a stand-alone machine or integrated into an overall plant



Timber cross-section	of 15 x 30 mm to 300 x 400 mm (400 x 625 mm)
Feed rate	max. 20 m/min (35 m/min)
Chamfering	max. 42 mm x 45 degrees



Servicing

We speak your language - around the clock

For Hundegger, selling the machine is only the beginning. Our Servicing Department will be there to support you with any questions or problems around the clock - worldwide.

- Installation and commissioning
- Training and workshops
- Product support and optimization
- Tool development and advice
- Inspection and maintenance
- Repairs
- Hotline and remote maintenance
- Conversions and retrofits
- Spare parts management
- Software updates and upgrades
- Work planning support etc.

We are here to offer you professional advice and find a quick solution practically around the clock.

I am interested in the following products:

- Joinery machine **K2i**
- Joinery machine **ROBOT-Drive**
- Automatic cutting machine **SC-3**
- Automatic cutting machine **TURBO-Drive**
- Panel processing centre **SPM-2**
- Gantry processing centre **PBA**
- Production line **Massiv-Holz-Mauer®**
- Production line **Profile timber elements**
- Planing machines **HM-3 / HM-4**

Name

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