

Excellent cutting quality means less waste and less rework. The optimised kerf means optimal consumption of wood. You can use your resources optimal by using LEUCO sawblades.

Save with LEUCO.

Make a name for yourself with perfect profiles by LEUCO.

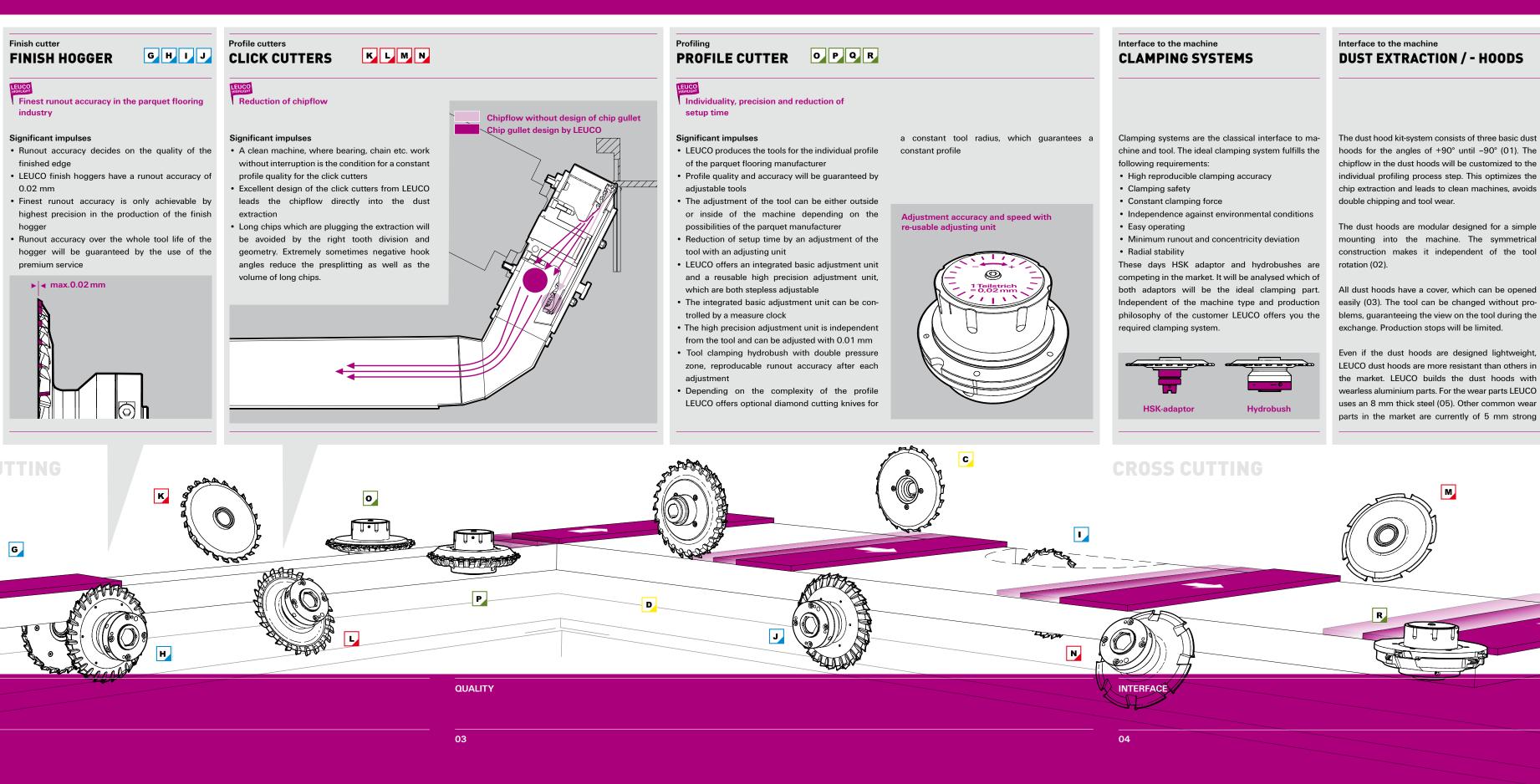
tools for profiling.

Profiles are licensed and give the panels the individual touch of the parquet

Would you like to be related to a perfect profile? Then you should choose LEUCO

manufacturer. A sign of quality is absolutely constant profile accuracy.





The more accurate the runout of the tool is, the more equal is the wear of the tool tips. And the higher the runout the higher is the quality of the edge, the only visible edge for your customer!

You should choose for quality with LEUCO.

hoods for the angles of $+90^{\circ}$ until -90° (01). The ordered easy separately. chipflow in the dust hoods will be customized to the individual profiling process step. This optimizes the chip extraction and leads to clean machines, avoids double chipping and tool wear.

DUST EXTRACTION / - HOODS

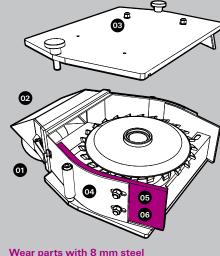
Interface to the machine

The dust hoods are modular designed for a simple mounting into the machine. The symmetrical construction makes it independent of the tool rotation (02).

Independent of the machine type and production easily (03). The tool can be changed without problems, guaranteeing the view on the tool during the exchange. Production stops will be limited.

> Even if the dust hoods are designed lightweight, LEUCO dust hoods are more resistant than others in the market. LEUCO builds the dust hoods with wearless aluminium parts. For the wear parts LEUCO uses an 8 mm thick steel (05). Other common wear Wear parts with 8 mm steel parts in the market are currently of 5 mm strong

Clamping systems are the classical interface to ma-The dust hood kit-system consists of three basic dust material. Customer specified wear parts can be



Tool administration **COLOUR CODING SYSTEM**

manufacturer and LEUCO.

In detail

Each tool gets a Tool Card with a determined thickness, profile or feed rate. be identified.

Tool administration **KANBAN-SYSTEM**

rack will be installed. In the rack the tools will be The classification of rack, tool and motor will be placed the same way as described in the colour extremely simplified. This system can be applied coding system. As a result the administration of without any tooling or production know-how if the tools will become easier, orders for new tools, necessary. New staff employed by the parquet maservice of tools and stock of tools.

The philosophy of a colour coding system is the The colour stands for a group of tools/Ident visualization of the tool from the tool rack to the numbers, which have the same function in the motor spindle to simplify the tool handling in the working process. Yellow is the colour for the manufacturing process. The colour coding pre-cutting tools for example, green is for the simplifies the internal communication at the profiling, blue for the finishing and red is for the parquet manufacturer site and between the parquet clickprofiling tools. The letters explain, if the tools are for length or cross cutting and for left or right side side of the machine. If necessary the letters can be completed with additional information for ex. Panel manufacturing process of the customer will be value.

motor spindles signs with Together with the olour coding normally a kanban- corresponding colours and letters will be placed. nufacturer can easily find its feet.

Tool administration

TOOL ADMINISTRATION SOFTWARE LEUCO LEASY

profits in the production. With the stock stock, through machine and into service. LEUCO administration software "LEUCO Leasy" LEUCO Leasy offers transparency of the tools at any time. again is a pioneer concerning tool administration. It is possible to get analyses from edge-lives of

the software. It shows all processes, which a tool The colour coding and the Kanban rack achieve can make at the parquet manufacturer's site from

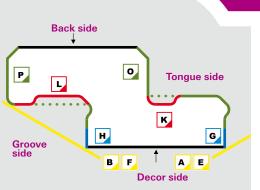
LEUCO

05

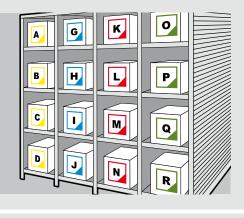
The interfaces are the optimal conditions for the parquet manufacturing: The clamping parts between tool and machine, dust extraction in the machine. The package of all interfaces of single highlights becomes the perfect process.

Take LEUCO into consideration throughout your whole process.

"THERE ARE SUBTLETIES WHICH BECOME IMPORTANT IN FORMULA 1. CERTAIN DETAILS MAKE THE DIFFERENCE AND REVEAL THE ESSENTIALS."

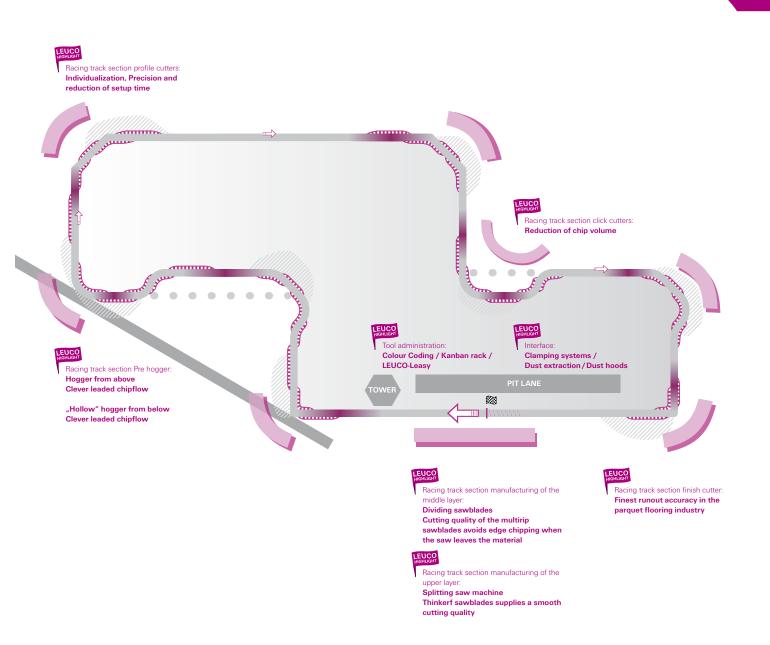


analyzed. Production, stock and service will be colour, letter and other information. Then the tool is The principle of the tool colour coding is the same taken into consideration. Therefore each colour clearly related to the production process and can for all customers. For the final colour coding the code is individual. The colour code has proved its



LEUCO Leasy is a single software for administration, each tools, can print tool cards automatically and purchasing and production planning. The determined supports the production planning. The operation of colour code is like at the Kanban-rack the basic for this software is simple and almost intuitive.





With the best setup and tuning to pole position

The volume and aggressiveness of the chip have a big influence on the We do not offer a standard scheme for the manufacturing of parquet flooring. manufacturing of parquet flooring. The use of the LEUCO Crew guarantees at Together with you we determine the track according to your requirements. the customer a clean manufacturing and avoids unnecessary double- Each step of the process will be analyzed and valuated before the chipping. This guarantees longer edgelives and decreases machine wear development and determination of the tools starts. We follow consequently while having an improved product quality. The optimised chipflow makes your demands shared with our tooling and process know-how. that maximum feedrates can be achieved in production.

Formula 1 needs innovation

Best". LEUCO wants to face this challenge. As a result of the dialog with the engineering no matter where you are producing. customer LEUCO develops regularly state of the art and licensed tool and procedure innovations. LEUCO was the first to use the well functioning colour When will you start to overtake? coding system and the tool administration software. LEUCO is one of the few suppliers able to fulfill all requirements, where the thinkerf-sawblade for the dividing of the middle layer and the click-profile cutter are part of the portfolio.

Each racing team is individual

COMPETENCE THROUGHOUT THE COMPLETE MANUFACTURING PROCESS

CONSULTING, ENGINEERING, PRODUCTION, ADMINISTRATION, SERVICE

Flooring tools are the "Formula 1" in the woodworking industry. Choose the best resources and decide yourself for the best crew in your team.

You will win the Grand Prix with LEUCO.



LEUCO



LEUCO is one of the leading tool manufacturers worldwide. You can profit from this international race experience: We guarantee you tools adapted The formula 1 is surrounded by the magic of "the Newest, the Fastest and the to the newest technology standards including their service and application

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LEUCO



PRODUCTION OF PARQUET FLOORING



"WE ONLY CAN BE **SUCCESSFUL WHEN WE** MAKE OUR CUSTOMERS SUCCESSFUL.

AND WE WANT TO BE SUCCESSFUL."

The Crew

COMPETENCE THROUGHOUT THE COMPLETE MANUFACTURING PROCESS

CONSULTING, ENGINEERING, PRODUCTION, ADMINISTRATION SERVICE

www.leuco.com

Flooring = High performance and precision

Tools for manufacturing of flooring can be compared to the "formula 1" of the woodworking industry. No other branch achieves higher feedrates and edgelives considering such high quality standards for the finished product.

Experts dominate the race track and the conditions. It is aware of the crucial points within the process. The parquet flooring manufacturing process offers the chance to take pole position.

For the Parquet manufacturer the tool specialist is next to the machine manufacturer the most important partner. LEUCO knows the requirements and the settings. The development and application engineer crew defines cutting materials, optimized chipflow and tip geometry. It determines rotation speed, tool weight, runout and concentricity as well as edge and profile quality. It discusses individual demands and coordinates interfaces towards the machine like clamping systems and dust extraction hoods.

