

**CLEAN &  
DRY.**

# AN UNIQUE CYCLE

Since there is waste there is the wish to re-use it. The importance of sorted and environmentally friendly recycling is nowadays more important than ever and it will grow in the future, because the availability of raw materials will decrease. Only if we separate residuals of production from all kind of impurities as clean as possible we can comply with the intention of recycling and circular economy. As a whole saler we are offering turn-key state of the art systems that a production will be even more sustainable and economical.



**WE ARE LANNER!**

# **PERFECT DOWN TO THE SMALLEST DETAIL.**

We are a family-owned company that develops, produces and installs tailor-made machines and systems for chip processing with 35 employees. We offer single and complete solutions to separate world-wide all kind of solids from liquids for diverse industry branches.

Also profit from our long-time knowledge, detailed market expertise and experience which made us to one of the world-leader in chip processing. This success tells our story!

Every single component convinces of quality and innovative technology and defines new standards worldwide in chip processing.

Rely on the leading technology. With ideas, know-how and long-time experience we create the necessary conditions in order to process your chips, grinding sludge and many more solid-liquid mixtures at an optimum.

**» Ideas. Systems. Success.**



«ONLY WITH **HIGH-QUALITY PRODUCTS** YOU WILL ACHIEVE **IDEAL RESULTS** – OUR CUSTOMERS CAN RELY ON BOTH.»



*LEADER AT THE GLOBAL MARKET!*

# **MADE IN GERMANY - ENGINEERED IN THE BLACK FOREST.**



Chip-recycling - that has to work automatically!  
This was the initial idea that guided us to the position we have today.

In 1987 the company was founded when Klaus-Dieter Lanner followed-up this idea and developed the first machine. Today Dipl.-Ing. (FH) Tobias Lanner is leading the company in second generation.



### Consistently for quality

Lanner has been certified in accordance with ISO 9001 and 14001 in the year 2004.

Lanner systems comply with the current national and European regulations for environmental protection.



A team of highly qualified employees with innovative patented solutions and numerous services are a sure way to keep the technical leadership in the capital goods market.

Lanner has international success with modern machines and chip processing systems. Customized components and systems are all developed and produced in our premises in Kippenheim - in the south of Germany. We deliver individual and future-oriented solutions for chip processing to our customers which are coming from various branches.



*WE STAND FOR RELIABILITY!*

**WILLING TO  
DO EVERYTHING  
FOR YOUR IDEAL  
SOLUTION.**





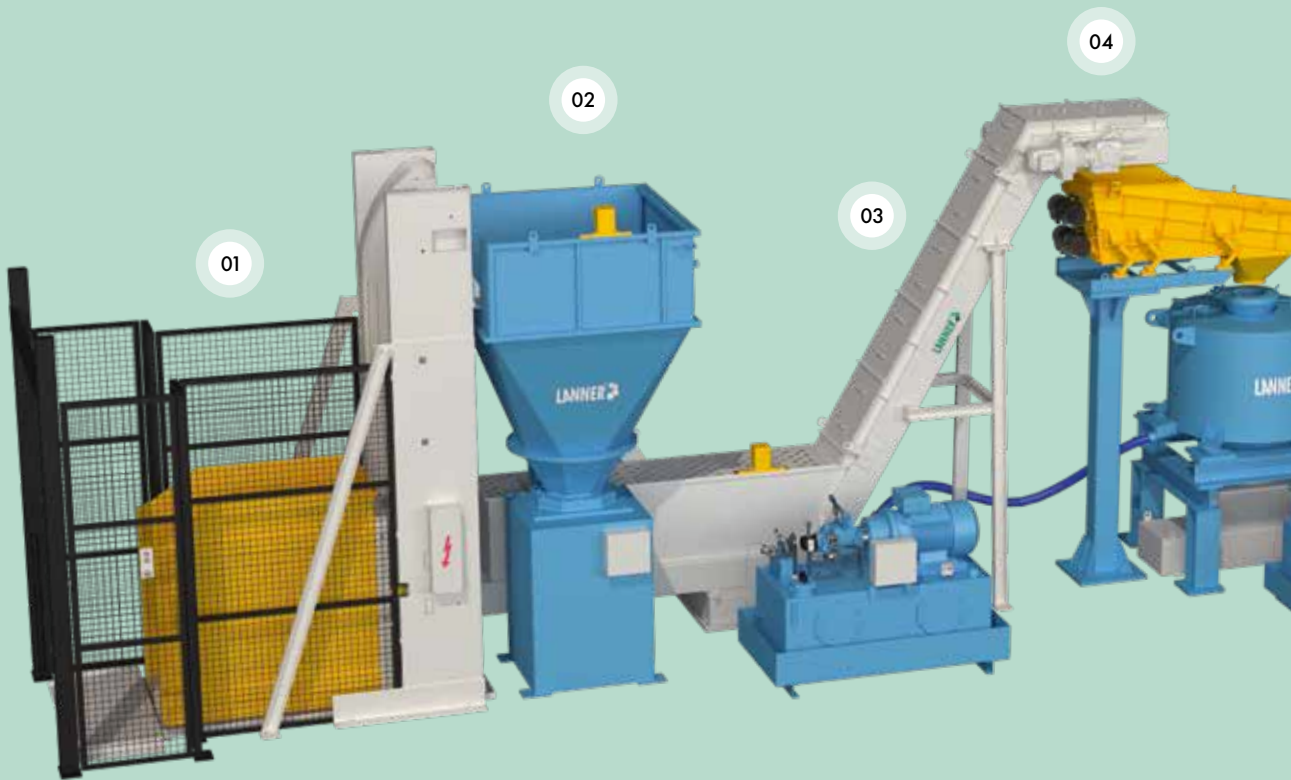
Our long-lasting employees are the corner stones for our success and save the future innovative developments.  
Every day we find solutions for your applications and realize them with full engagement.

**» Nothing is impossible!**



## CHIP PROCESSING SYSTEMS!

# WAY MORE THAN A SUM OF ITS PARTS.



**01** Coolant containing chips are put through the chip cart into the hopper of the chip crusher by the chip cart dumper.

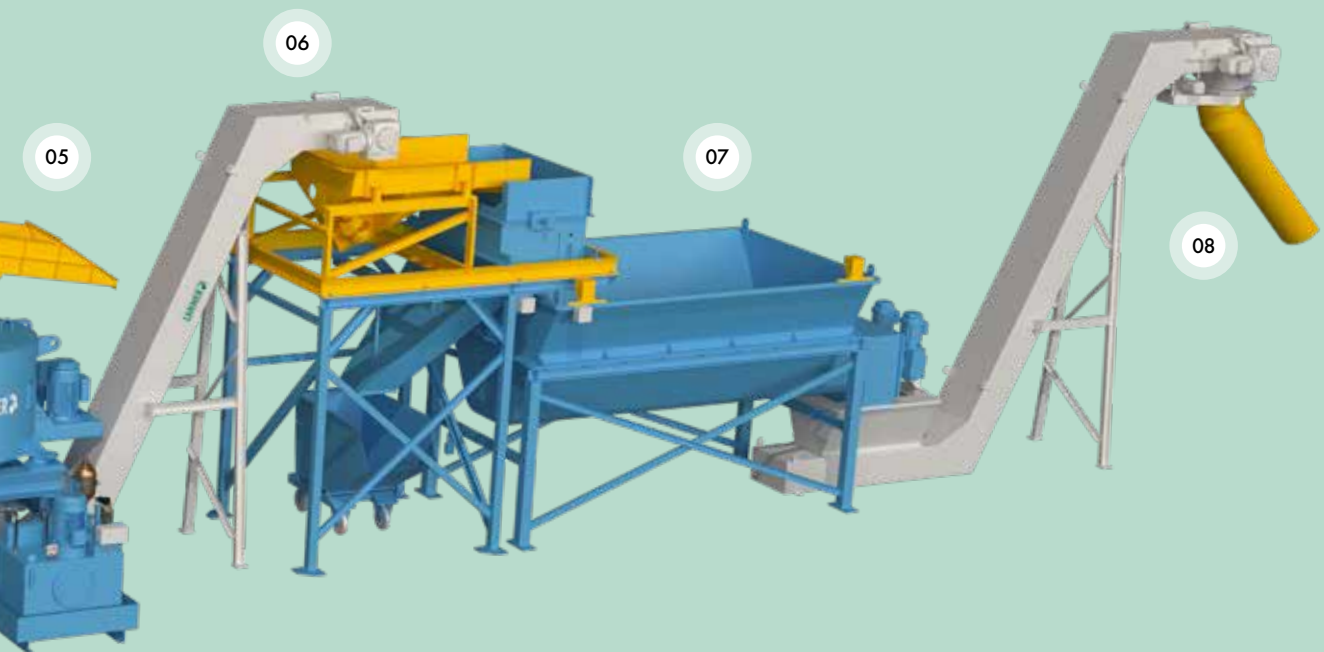
**02** The chip crusher minimizes the chips to a defined size. Tramp metals are ejected by an automatic diverter chute.

**03** A conveyor transports the crushed chips and possibly containing tramp metals to the screener. Already drained coolant is collected in the tank underneath.

**04** The screener separates reliably the tramp metals from the crushed chips, which are fed into the centrifuge continuously.

If you want everything to work properly from the beginning you should count on a system from Lanner. From the small and compact Vetamat®-system up to the complete chip processing system with a high throughput - everything from one source manufactured by Lanner. The systems are adapted individually to customer requests and conditions. They can be integrated perfectly in the production process.

» Lanner systems can do simply more.



**05** In the centrifuge, the main component of each system, the coolant is separated from the chips in a continuous way (residual moisture < 1% possible). The regained coolant is collected in a tank.

**06** A conveyor transports the centrifuged chips onto the magnetic separator, which removes the magnetic particles from the chips.

**07** A fill bunker buffers the chips if a discontinuously receipt afterwards exists and transports them to the following conveyor in defined quantity.

**08** A swivel chute at the end of the conveyor distributes the chips e. g. into two containers, bigbags or a melting furnace.



**SINGLE MACHINES!**

# **RELIABLE AND EASY TO INTEGRATE.**



## **Lanner centrifuges**

They offer the best possibility to separate reliably the coolant from the chips and grinding sludge in nearly every case. They are designed for years of permanent operation and dry the chips reliably up to less than 1 % residual moisture. The centrifuge can be amortized in the shortest time span because of the coolant recovery, the excess proceeds of the dry chips, the low material loss and less energy requirement when melting. A throughput of up to 20.000 l/h can be achieved.



## **Lanner crushers**

They are suitable for crushing long and woolly chips e. g. steel, stainless steel, aluminium, brass. The precision grinding mill crushes the chips and makes them free-flowing. The volume can be reduced up to 80 %. Mistakenly initiated tramp metals such as bar ends or tools can be ejected. A throughput of up to 10.000 kg/h can be achieved.



## **Lanner briquetting presses**

Chips and grinding sludge can be pressed to tensile and highly stable briquettes which can be stored and transported in a space saving way. Depending on the type of material it can be treated further with less danger or more efficiency.

An optionally integrated chip crusher with automatic tramp metal ejector also allows the processing of long and woolly chips.

### Lanner special purpose machinery

The individual solution.

You do not find a fitting solution in our extensive standard delivery program?

We are the right contact for you anyway. It does not matter if it is about processing of dangerous or flammable materials, the cleaning of chips or coating of parts.



### Lanner-Fluidline & Vacoline

The Vacoline is a fully automatic solution for the crushing and transporting of chips per pipe system which is directly integrated at the tooling machine.

With the Fluidline pump back unit, the crushed chips are fully automatically transported with the used coolant.



### Vetamat® - compact & turn-key

Turn-key, continuously working chip processing system for the separation of metal chips and coolant of up to 2.000 kg/h. The wet chips are transported automatically through a conveyor to the centrifuge. The complete system includes a centrifuge, a conveyor with tank, as well as an oil tub and control cabinet. With the add-on system the Vetamat® can optionally be expanded e.g. with a fill bunker, chip crusher, tramp metal separator or chip cart dumper.



**FOCUS ON SERVICE!**

# **KNOWLEDGE MAKES YOU STRONG!**



After 8 years of continuous work in 3-shift-operation the capacity of the perfectly working DS50 lifting bottom centrifuge was too small and therefore had to be replaced by the next bigger centrifuge of the same type.

The disassembling and the start-up of the new machine was done by the highly qualified Lanner technicians within only two days. Therefore the buffered brass chips were able to be treated directly again and there was no loss because all the chips were given to the scrap dealer after they were centrifuged with the new machine.

The used centrifuge was taken back from Lanner and thanks to regularly done inspections it was sold within very short time.



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