

**LISSMAC**



**T H E   E N T E R P R I S E**





**„We know that only quality  
brings confidence.  
Our guarantee for the future is  
based on our technically based  
foresight and our spirit of  
innovation, together with our sound  
financial policies and the excellent  
motivation of our employees“**

**Factory 1, completed in spring '93,  
in Bad Wurzach, southern Germany,  
with the new extension that was  
opened in spring '99.**

**<http://www.lissmac.com>**



## The Market Leader



Welding robot

What began in 1979, LISSMAC's founding year, with just one type of machine, has since grown into an extensive range of products. Several thousand brick-cutting machines, floor cutters, working platforms and mini cranes leave our South German factory every year.

As producers of machines used in „Cutting Technology“, we have consequently developed ourselves into producers of diamond tools in the high quality range.

Besides line-produced machines, production and assembly of individually finished special-purpose machines and industrial plants has also developed over the years.

In order to keep up with the steady growth, Factory 1 started production in spring 1993, with the most modern production equipment. In 1999 a new extension of the factory building brought further capacity. Today, LISSMAC has over 12 000 m<sup>2</sup> of production and office space at its disposal.

As an innovator in modern construction, LISSMAC has always been at the forefront of new developments in building. LISSMAC's excellent range of products and performance has made us the market leader in construction and brick-cutting technology. Our products are used and recognised throughout the world.

## The Clients

Our main clients are the building industry and the building economy, with which we maintain a traditionally close partnership. From this base a clear understanding of our clients' real needs has grown, which allows LISSMAC to work out the ideal solution every time.

New technological developments in the field of access technology (scissor lifts), and the products of our new business division MT in Owen/Teck, have strengthened us into a partner of further industrial and economical branches.



In order to keep up with market demands for inexpensive building machines, our subsidiary LMW produces less expensive products with high quality standards.



LISSMAC mini cranes in use at a large building site



The heavy-load robot SLR 600  
in use in the full-automatic  
pre-fabricated wall system.



„The first heavy-load robot,  
manufactured in series for the  
building industry, is used here  
in a pre-fabricated wall system  
as an answer to the increasing level  
of automation in the  
building industry.“

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## The Difference The Difference



### **LISSMAC's industrial plants department**

The success of LISSMAC's industrial plants department is due to a business concept that has always insisted on practice-focused, future-orientated product development, since the very founding of the company. LISSMAC's industrial plants department delivers not only installations and special-purpose machinery, but also system solutions carefully tailored to the customer's individual needs.

Our success is not only in planning, delivery, assembly and installation of the system, but also in operator training and product application. Based on our high subject knowledge LISSMAC can, if desired, take over the function of a general contractor, even for larger-scale projects.

The consequent and, above all, prudent automation and trouble-free use of hardware and software are central to LISSMAC's activities. An exact assessment of the status quo and a precise analysis of customer demands and targets form the basis for every new LISSMAC system development. The differing possibilities, when installing a LISSMAC AUS-saw, a sound and dirt-proof QVS-saw, a LISSMAC bed-saw machine for pre-construction of aerated concrete or the work station BAZ, where ready to fit-in elements, processed overleaf from unrefined slabs are manufactured, are always orientated towards the customers' demands. For every demand, LISSMAC delivers the exact solution required.

Close consultation with clients, and permanent technical development and innovation, assure LISSMAC's strong position in german and international markets.

## The Future The Future

### **LISSMAC's pre-fabricated wall systems**

A mere glance at the area of LISSMAC's pre-fabricated wall systems will make clear not only their technological but also their economical significance. With the world's first in series produced heavy-load robot, LISSMAC has already taken a step into the future. Especially in building terraced or multiple dwelling houses, the effective use of pre-fabricated walls promises an immense potential for financial saving and usefulness. As an engineering company, we offer our customers solutions for everything from CAD-software to working techniques on the building site. Due to the high precision of the system, an equally high quality of pre-fabricated walls is assured. From start to finish, LISSMAC industrial plants offer a comprehensive, compatible system for an individual and effective end result.



The heavy-load robot SLR 600 in use

## *The Products*

*Cutting Technology*

**„All products complement each other perfectly, and create synergies in almost all areas of production and sales that bring us, and above all our customers, enormous advantages.“**

**The essence of LISSMAC-philosophy**

*Masonry Technology*

The LISSMAC mini crane LMK 300, here in use on a building site, allows quick and easy handling of elements.

*Access Technology*

<http://www.lissmac.com>

The excellent top-quality technology that leaves our factory is so much more than just labour-saving equipment: it facilitates an altogether smoother organisation of all work, right around the building site.

# LSSMAC



## Cutting Technology



*Cutting Technology*



**Floor cutters FS**



**Aluminium cut-off saws ATS**



**Diamond cut-off saws DTS**



## Masonry Technology



*Masonry Technology*



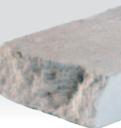
**Mortar applying machine MAM**



**Mini cranes LMK**



**Working platforms MAB**



## Access Technology

*Access Technology*

**Scissor lifts SAB**

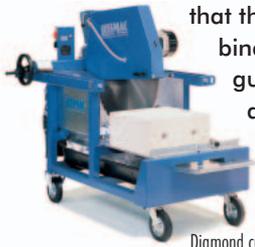


# Recognising and using synergies

## **Cutting Technology**

### **Diamond Tools and Cutting Technology**

As a manufacturer of cutting machines and floor cutters, as well as of diamond saws, we know what is important in good diamond tools. The best machine is only as good as its tools, and the best tools are only as good as the machine that they work in. Only the combination of both factors can guarantee high productivity and economy.



Diamond cut-off saw DTS 371



Floor cutter FS 50 Hydronik

▶ **Diamond tools**

▶ **Floor cutters FS**

▶ **Diamond cut-off saws ATS/DTS**

▶ **Cellular concrete bandsaws MBS**

## **Masonry Technology**

### **Products for Masonry**

All LISSMAC products complement each other perfectly. Our system solutions for optimal manufacturing and processing of large-sized elements create synergies that bring enormous advantages to our clients, and make for an altogether smoother organisation of all work around the building site.



Mini crane LMK 400

Diamond cut-off saw DTS 420 PE with additional work table



▶ **Mini cranes LMK and gripping devices**

▶ **Working platforms MAB**

▶ **Mortar applying machine MAM**

▶ **Mini conveyor belts LIBA**

## **Access Technology**

▶ **Scissor lifts SAB**

# The Products

# LISSMAC



## Diamond tools



As a manufacturer of cutting machines and floor cutters as well as diamond tools, we know what's important in a good diamond tool. The best machine is only as good as its tools, and the best tools are only as good as the machine that they work in.

## Floor cutters FS



LISSMAC established the standards in line production of fully hydraulic floor cutters that are still leading the way today. The range of products covers the needs of self-driven, laser and sensor-driven High Tech-floor cutters (floor cutters from 2 kW to 115 kW).

## Diamond cut-off saws ATS/DTS



The consequent use of aluminium, high-grade steel and plastic makes our ATS-cut-off saws exceptionally light, robust and completely rust-free. The comprehensive assortment of diamond cutting saws ranges from the tile saw with an 80 mm cutting depth to the diamond cutting machine with lifting device for larger bricks, and a cutting depth of 420 mm.

## Cellular concrete bandsaws MBS



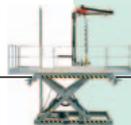
The MBS product range has been developed especially for cutting large-sized aerated concrete elements and reduces considerably the work load as well as providing absolutely precise cuts.

## Mini cranes LMK and gripping devices



Our mini cranes, developed straight from practice, stand out for their ease of use, high stability and excellent technology. For the easy handling of almost all types of bricks, LISSMAC offers a full range of gripping devices.

## Working platforms MAB



The use of masonry platforms not only eases the work of every bricklayer; because of the various designs and measurements, and the use of a lift, a broad spectrum of uses is revealed for masonry work.

## Mortar applying machine MAM



With the development of the mortar applying machine, MAM, LISSMAC is reacting to the market's increased demands for quicker and cheaper building work. The machine lays an exact mortar joint with high precision to be able to eliminate any needs for levelling out during the wall is erected with thin bed mortar.

## Mini conveyor belts LIBA



With the development of mini conveyor belts, LISSMAC has introduced new standards in the transport of bulk and bale material. The latest modern technology and robust, lightweight materials in connection with an intelligent modular system bring the user an 80 % time saving, compared to the manual method.

## Scissor lifts SAB



LISSMAC entered the market with a new generation of scissor lifts. User information and clients' needs were taken into consideration in the development of these platforms, and reflected in the details.

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