



# LENSER

P R Ä Z I S I O N S T E C H N I K

*Metalworking in large dimensions*



## LENSER PRÄZISIONSTECHNIK

We are a medium-sized company with about 50 employees in Senden an der Iller in the Ulm area and can look back on more than 70 years of tradition.

This experience is the basis of our special expertise in the fields of deep drilling and surface treatment of large and heavy workpieces. Also in the fields of technology and tools we are continually developing so as to be able to offer our customers high quality at competitive prices. Our CNC-controlled machines and operating equipment enable us to handle weights of up to 100 tons.

Our customers are mainly active in machine and plant construction on the international market. In order to meet their and our high demands also in the future, we rely on a combination of strict customer orientation, craftsmanship and state-of-the-art technology for the further success of our company.



## HEATING AND COOLING PLATES

*for hydraulic presses*

For decades we have specialized in the manufacture of heating plates and cooling plates for hydraulic presses. Our experience in this field has made us the leading manufacturer-independent supplier on the European market. Our deep-drilled heating plates are used in the wood processing industry for the production of chipboard and fibreboard, as well as for the surface coating of doors, furniture parts and wood-based materials.

In the laminating and multilayer sector, these plates are used in card presses and in the production of printed circuit boards. The rubber goods industry uses our heating plates to heat vulcanisation moulds and in the manufacture of conveyor belts.

In the field of solar technology, our high-precision heating plates and cooling plates are used in laminators for the production of solar cell modules. Our plates are designed and manufactured according to customer requirements. A heating plate or cooling plate can be manufactured up to a size of 16,000 x 3,700 mm and a weight per unit of up to 100 t.



## **PLASTIC MOULDS**

*Pressing of thermoplastic materials*

## **SUBCONTRACTING**

*Powerful, modern machining centers*

Our press moulds are mainly used by manufacturers of semi-finished products for the pressing of thermoplastics (e.g. PP, PE, HDPE). However, they are also used in the manufacture of chamber filter plates and membranes made of polypropylene or similar materials.

As an experienced, competent partner, we offer customer-specific solutions with finely ground and coated surfaces.

Efficient, modern machining centres allow us to respond to the specific wishes and requirements of our customers using the latest tool technologies. Our services in high-precision workpiece machining range from prototypes to serial parts.

Our extensive production facilities enable us to process workpieces with dimensions of up to 16,000 x 3,700 mm and unit weights of up to 100 tons.

## DEEP DRILLING

*for mold making*

In deep drilling, we have acquired knowledge over decades which has made us a trustworthy partner for customers from a wide variety of sectors. We also drill workpieces made of materials which are difficult to machine, from single parts to small series.

Our systems enable the machining of demanding components up to a unit weight of 40 tons and a maximum drilling depth of 12,000 mm.

Diameter	from 5 mm
Drilling length <i>(both sides)</i>	max. 12.000 mm
Piece weight	max. 40 t
Drilling method	BTA / ELB



## OUR MACHINES AT A GLANCE

*Big, bigger, Biggest ...*

	traverse			Portal- passage	Weight max.
	X	Y	Z	Y	

### MILLING MACHINES

Wagner Dortmund	Portal milling machine hydrostatic	16.000	4.250	2.500	3.700	40 to
Waldrich Coburg	Portal milling machine hydrostatic	9.000	3.450	1.900	2.800	100 to
Waldrich Siegen	Portal milling machine hydrostatic	7.500	3.000	2.000	2.000	12 to
Waldrich Siegen	Portal milling machine hydrostatic Plate size 4.000 x 2.900 mm	5.000	3.500	1.400	2.950	12 to
Soraluce FX 10000	integrated roundtable 3.500 x 2.500 mm	10.000	1.600	5.300		100 to
Soraluce SLP 8000		6.500	1.300	1.800		40 to
Soraluce PMG 6000		6.500	4.500	1.500	3.700	12 to
Unisign Uniport 6000		6.000	3.000	800	3.000	12 to
Deckel Maho DMC 63V		650	500	500		





### DEEP DRILLING MACHINE

IMSA MF2500 BB	drilling diameter: 4 - 50 mm, drilling depth f.b.s. to 2.500 mm	Roundtable 3.000 x 2.000 mm				12 to
IMSA MF1450 evo	drilling diameter: 4 - 40 mm, drilling depth f.b.s. to 1.450 mm	Roundtable 1.500 x 1.200 mm				12 to
TBT	drilling diameter: 16 - 80 mm, drilling depth f.b.s. to 6.000 mm	Table size 10.000 x 3.800 mm				40 to
TiBo	drilling diameter: 16 - 50 mm, drilling depth f.b.s. to 3.000 mm	Table size 4.700 x 1.800 mm				12 to

### GRINDERS

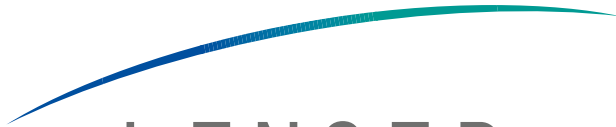
Wagner Dortmund	Portal milling machine / band grinder hydrostatic	16.000	4.250	2.500	3.700	40 to
Wagner	Band grinder	11.000	4.000	2.000	3.300	12 to
Reichle & Knödler	Band grinder	2.100	1.200	1.000		6 to

### MOBILE RADIAL DRILLS

Donau		Driving length: 14.000 mm, Throat depth: 1.250 mm				100 to
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**TALK WITH US**  
*We have solutions*



**LENSER**

P R Ä Z I S I O N S T E C H N I K

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