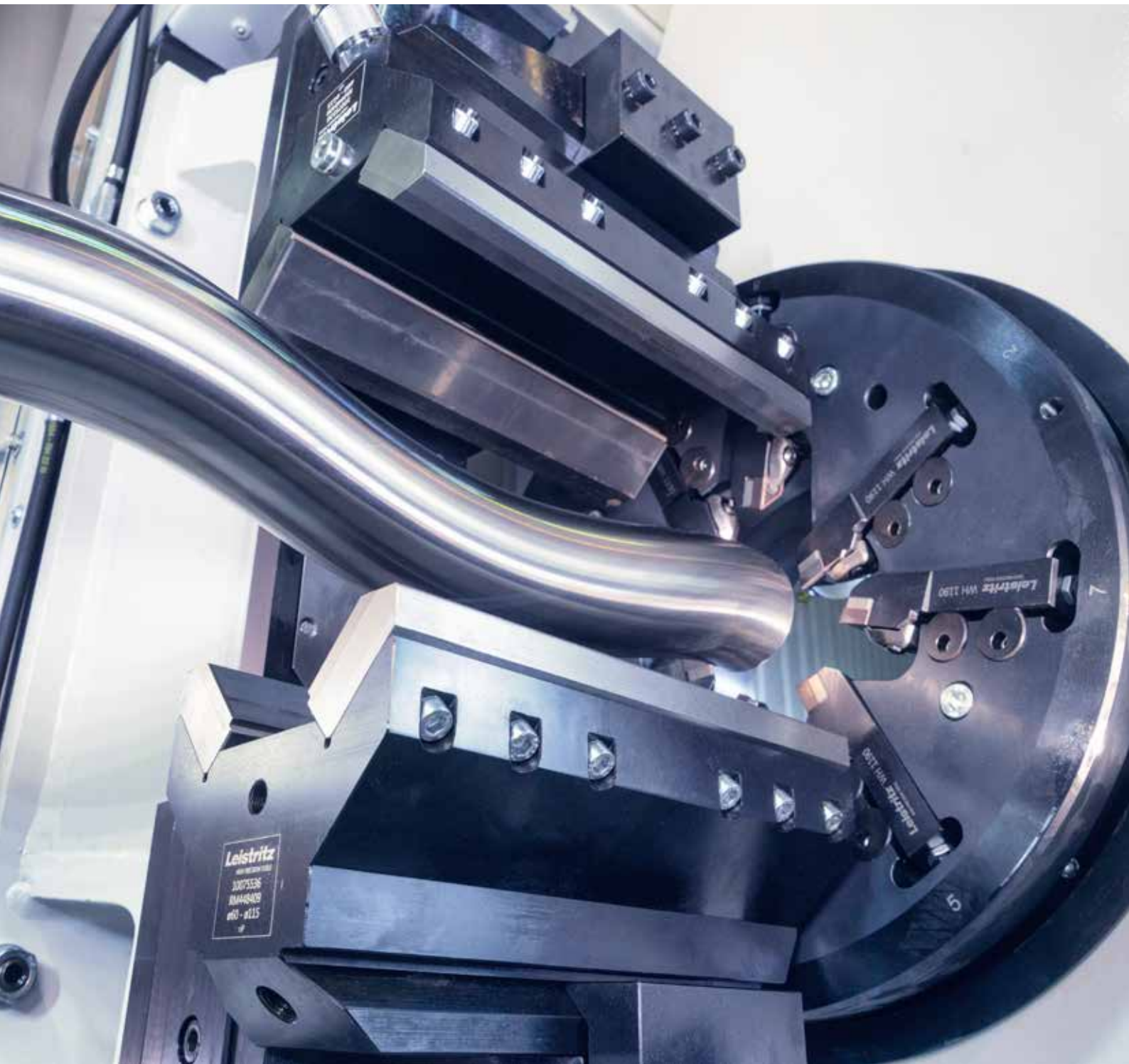


LEISTRITZ WHIRLING MACHINES

for Ball Screws, Worm Gears, EPS-Screws, Eccentric Screws





INDUSTRY OVERVIEW

With our high-precision machine tools, advanced tools and high-quality tube products, we are a leader in numerous industries. In particular, we supply the automotive industry, the oil and gas sector as well as the valve and fitting industry.

Regardless of the area of application, all Leistriz products are characterized by their robustness, sophisticated technology and the highest technical standards.

OIL & GAS INDUSTRY

Rotors and stators are essential components in oil drilling and production. When used underground, these components must withstand corrosive and abrasive materials and high pressure. Thanks to their excellent surface finish, extremely high resistance and stability, they ensure smooth and constant operation.

With our machine tool solutions, we are a competent partner in this demanding segment.

Experts in metalworking

Leistriz Produktionstechnik GmbH, based in Pleystein, provides solutions for complex manufacturing tasks.

Our product range is divided into four fields - machine tools, tools, tube technology and machining contract manufacturing - whose common basis is metalworking. With over 300 employees worldwide, we design and manufacture products based on a wealth of experience.

The supply of tools, machines and processes from a single source results in many synergies that benefit our customers from a wide range of industries, above all the automotive, oil and gas or valves and fittings industries.

We impress our customers with our very high level of manufacturing expertise, flexibility and the high quality of our products. Many of these are developed and adapted directly to our customers requirements and adapted.

In the machine tools product area, we develop whirling and grooving machines for the economical production of internal and external threads and thread-like profiles. With the two processes whirling and keyseating, we achieve maximum precision, flexibility and performance.

In this way, we support our customers in achieving their goals with innovative machines and technologies.

LEISTRITZ PRODUCTION TECHNOLOGY

- stands for technically sophisticated products.
- offers customized solutions for your production tasks.
- develops and manufactures the products itself.
- understands what you need.
- is the manufacturing specialist in the Leistriz Group.

» *We are flexible with our machine tools and tools, to be able to respond to very specific customer requirements.* «



AUTOMOTIVE



Leistritz has been a strong partner to the automotive industry for many years. We supply machines for the production of numerous automotive parts such as steering systems or small transmission worms.



EPS-Screws



Rack & Pinion-Steering



Worm Gears

» *What counts in a dynamic industry like the automotive sector is reliability and top quality. We make this possible with our whirling machines.* «



AEROSPACE TECHNOLOGY

Energy and cost savings through weight reduction play a major role in aviation. The use of hollow shafts in the drive, for example, offers considerable potential for lightweight construction. With our whirling machines, we achieve maximum cutting performance and very high accuracies. With numerous suppliers to the aviation industry we are a specified as a supplier.



PLASTICS INDUSTRY

Plasticizing screws are used in the plastics industry and require precise profile and pitch accuracy for optimum processing and preparation of the plastic.

This is where our integrated system solution - consisting of machine, tool and software - comes into play.





OUR SERVICE PORTFOLIO

Our tools and machine tools are used worldwide and meet the highest production and quality requirements every day. In order to survive in the face of tough competition, they must run efficiently and stably.

Whether it's the commissioning of a machine, operator training or the maintenance of tools - our tools - our technical support team will be happy to is happy to help and advise you!

Our motivated team has extensive know-how in the fields of mechanical engineering, materials science and tool design.

We are at your service worldwide - competent and solution-oriented.

OUR SERVICE OFFERS:

- Spare parts for our machines
- Preventive maintenance
- Commissioning of machines
- Process optimization of machines and tools
- Training courses

Service-Hotline: +49 9654 - 89-880

Service-Mail: produktionstechnik-service@leistritz.com

LEISTRITZ WHIRLING MACHINES

Extremely high surface qualities can be achieved with the whirling process. An eccentrically arranged whirling ring rotates around the slowly rotating workpiece rotating workpiece, usually without the use of coolants.

We offer a wide range of whirling machines for both internal and external whirling, for both internal and external whirling.

TECHNICAL DATA:

Machine type	Ø Workpiece	Length Workpiece	Application			
			BS	EPS	WG	ES
LWN 90	4 - 50 mm	100 - 350 mm		x	x	
LWN 90S	3 - 28 mm	max. 300 mm	x			
LWN 100	14 -30 mm	max. 220 mm		x		
LWN 120	15 - 50 mm	max. 950 mm		x		
LWN 120iW	15 - 80 mm	max. 750 mm				Inner whirling
LWN 160	10 - 100 mm	customized up to max. 6.000 mm	x		x	x
LWN 180ES	20 - 90 mm	max. 1000 mm				x
LWN 190	30 - 160 mm	customized up to max. 12.000 mm	x			

*BS = Ball Screws, EPS = EPS-Screws, WG = Worm Gears, ES = Eccentric Screws



LEISTRITZ Produktionstechnik



Headquarters

Leistriz Produktionstechnik GmbH

Leistrizstr. 1-11

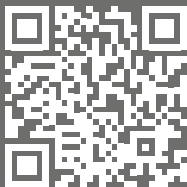
92714 Pleystein

Germany

T: +49 9654 89-0

F: +49 9654 89-812

E: produktionstechnik@leistriz.com



Technology & Service locations

Leistriz Advanced Technologies Corp.

Allendale, USA

Leistriz Machinery (Taicang) Co., Ltd.

Shanghai, China

Leistriz Machinery (Taicang) Co., Ltd.

Jiangsu, China

Leistriz SEA Pte. Ltd.

Singapur

production.leistriz.com