



QUALITY TOOLS

Convincing precision

As a manufacturer of precision tools, we have many decades of experience in designing and producing special tools. We have adapted our delivery range concentrating on both the rotating processing of workpieces (end finishing, profile turning, recess turning, thread cutting and general lathing) and further processing of turning workpieces (work rest blades for centerless grinding). Here we show an excerpt of our range of tools.

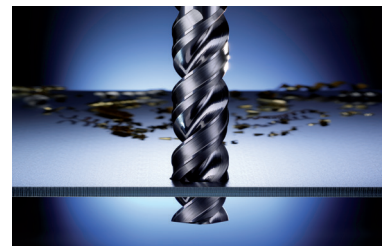
END FINISHING TOOLS

With our end finishing tools, the ends of axially symmetric work pieces can be faced, chamfered, centered and turned in only one working step.



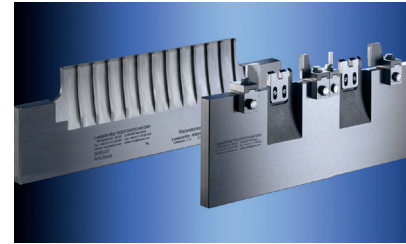
SOLID CARBIDE DRILL

Leistriz also provides a wide range of carbide drills for processing various materials. They convince by very high drill quality.



WORK REST BLADES

Leistriz produces work rest blades for all centerless grinding machines for through-feed grinding and plunge cut grinding.



SOLID CARBIDE MILLERS

Processing complex pieces requires sophisticated tools! With Leistriz carbide milling cutters, we have the right tool for your cutting needs.



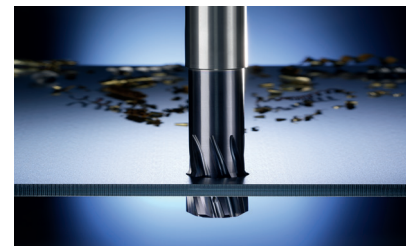
FLAT FORM TOOLS

No matter whether for internal or external machining (profile cutting, contour turning, contour drilling, chasing, calibrating, polygon turning, gear shaping), we have the right flat form tool.



SOLID CARBIDE REAMERS

For economical and process reliable superfinishing of your drilling, we provide solid carbide reamers to supplement our solid carbide drill range.



Leistriz

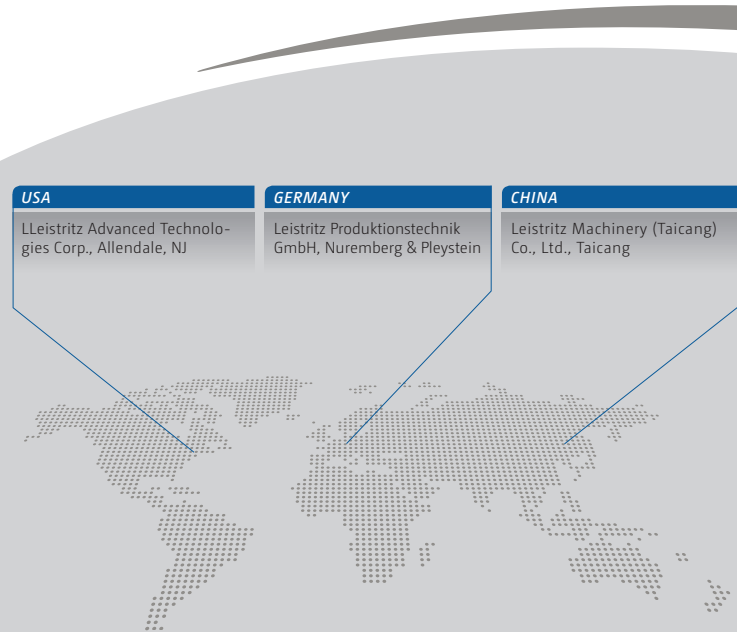
Leistriz

PRODUCTION TECHNOLOGY

Machine tools, tools and tube technology

PRODUCTION TECHNOLOGY

Available for you all over the world



Leistriz Advanced Technologies Corp.
 165 Chestnut Street, Allendale, NJ 07401 • 201 934-8262
 www.leistrizcorp.com • machinetools@leistrizcorp.com

© 2019
 Printed in the U.S.A





Business unit

PRODUCTION TECHNOLOGY

Experts in metal processing

Leistriz Produktionstechnik GmbH with its headquarters in Playstein delivers solutions for complex manufacturing tasks. Our production program can be divided into three areas which all have metal processing at their foundation – machine tools, tools and tube technology/sheet metal forming products. With over 300 employees around the world, we construct and manufacture products into which a vast wealth of knowledge flows.

By supplying tools, machines and technologies from one source, there is a great deal of synergy which our customers benefit from in diverse branches, especially automotive, the oil and gas industry as well as the valve and fittings industry. We keep our customers satisfied with our high level of manufacturing competence, flexibility and the very good quality of our products. Many of these are customized designs.

PRODUCTION TECHNOLOGY

- stands for products with a high level of technical sophistication.
- offers solutions for complex manufacturing tasks.
- develops and manufactures its products itself.
- understands what the customer needs.
- is the manufacturing specialist in the Leistriz Group.
- unites three product areas: machine tools, tools, tube technology.



Example of a whirling machine

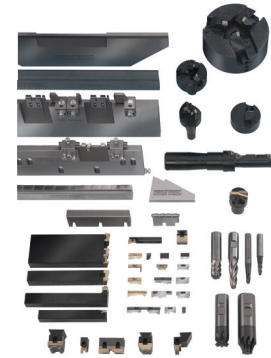
MACHINE TOOLS, TOOLS, TUBES

Flexible and economically efficient

In the product sector of machine tools, we develop **whirling machines and keyseating machines** for the economically efficient manufacture of internal and external threads as well as thread-type profiles. Both whirling and key-seating are based on parameters which require the highest level of precision, flexibility and performance. We support our customers with innovative machines and technologies in order to meet these goals.

We are also a reliable partner in the area of **precision tools** for metal cutting. In addition to our standard range, we primarily provide special solutions and services in the tools sector that offer our customers more efficiency and quality such as work rest blades for centerless grinding.

The product sector of **tube technology/ sheet metal forming** has its beginnings in the manufacture of mufflers. Today we produce tube components for the automotive industry, agricultural engineering and more.



Excerpt from the range of tools



Example of customized tubing

Product area: machine tools

MACHINE TOOLS

Whirling – Polishing – Milling – Keyseating



example of a whirling machine



example of a keyseating machine

WHIRLING MACHINES

Very high levels of surface quality can be achieved with the whirling process. In this process, an eccentrically laid whirling ring circles around the slowly rotating workpiece – in most cases without the use of a coolant. We provide a large selection of whirling machines for both inner and outer whirling.

TECHNICAL DETAILS:

Type	Workpiece diameter	Workpiece length
LWN 65	3 - 10 mm	max. 250 mm
LWN 90	10 - 50 mm	max. 250 mm
LWN 100	14 - 30 mm	max. 220 mm
LWN 120	15 - 50 mm	max. 950 mm
LWN 120 iW (inner whirling)	25 - 80 mm	max. 750 mm
LWN 160	10 - 100 mm	customizable up to a maximum of 6,000 mm
LWN 190	15 - 100 mm	customizable up to a maximum of 8,000 mm
LWN 300 HP	40 - 200 mm	customizable up to a maximum of 8,000 mm

KEYSEATING MACHINES

The drawing process involves creating the groove step by step. A cutter is drawn vertically with a lifting motion along the bore hole in conjunction with a horizontal feed motion. In contrast to punching or reaming, keyseating provides enormous advantages in terms of economy and flexibility.

We offer three various types of keyseating machines in diverse sizes and these in NC and CNC versions with hydraulic or linear drive.

TECHNICAL DETAILS:

Type	Workpiece diameter	Workpiece length
Polyjet 50	2 – 50 mm	400 mm
Polymat 25 NC	25 mm	300 mm
Polymat 32 NC	32 mm	400 mm
Polymat 70 CNC	70 mm	1200 mm
Polymat 100 CNC	100 mm	1200 mm
Polymat 125 CNC	125 mm	1500 mm

» We provide the ideal solution for diverse machining processes. «