



GDW

Werkzeugmaschinen

Product Overview **Machine Tools**



Precision is our passion

We fervently pursue the objective to constantly enhance our already superior products. All series of our program, from the hand-lever operated lathe to the CNC-controlled automated turret lathe, are precise and are customized to their corresponding purpose of use. Thanks to an extensive range of special accessories, they constantly grow over the years, if required, always in line with your requirements.

Our lathes are used for vocational training, advanced vocational training, in numerous branches of industry, in High-Tech special production, simply everywhere where there is only one thing that counts:

Precision for lifetime.

Hans Ort
Geschäftsführender Gesellschafter

Andrea Ort-Hack
Geschäftsführerin





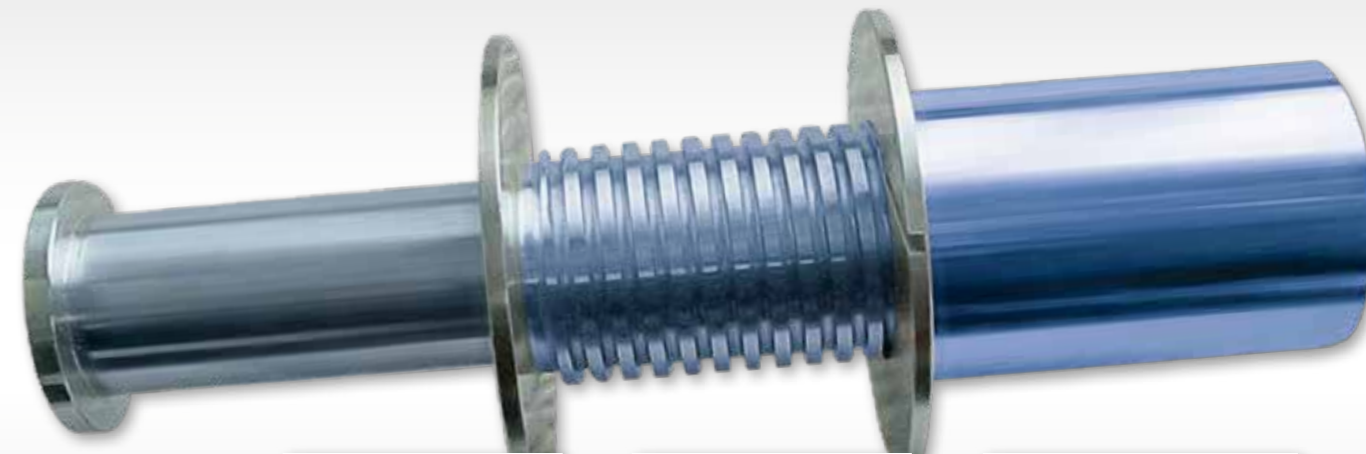
German Engineering: Innovation is our Commitment

Much of what we have developed over the decades is now tradition – we are rightly proud of that.

But this is no reason to sit back: on the Hoechststadt an der Aisch site a team of experienced designers and young colleagues continuously develops ideas for innovative design details and individual accessories to make turning even easier and more convenient.

One aspect of this process is safety: as an innovative lathe manufacturer, we have received approval from TÜV and GS for the safety of our machines. This is what the brand „GDW made for safety“ stands for. During this process we specifically think about our customers and their future requirements, we keep an eye on the latest technological developments and, above all, we have a great deal of passion and energy that we transform into perfect solutions.

In this way our innovation today will probably again become the tradition of tomorrow.



Precision



Innovation



longstanding
Know-how

Our Product Lines

As manifold as the purposes of use of our different series are, as uniform are our basic requirements for every lathe. For example, all of our lathes are characterized by a high degree of smooth running and ergonomic comfort. Turning should be fun! We definitely insist on superior machine components where other manufacturers rather tend to save money. We combine proven and tested designs and innovative details.

The results are valuable lathes with lasting precision in accordance with DIN 8605 or 8606 which can be used for many applications thanks to extensive accessories. If power consumption and operational safety are right, too, we know that our meticulous work was worth it on the whole.



varioline

RD MD FD

Hand-operated
lathes



basicline

VS-G

Centre
lathes

9-step main drive for
18 spindle speeds



classicline

S

Centre
lathes

Infinitely variable
main drive



comfortline

VS

Centre
lathes

Infinitely variable main
and feed drive



conturline

C / CNC

Cycle and
CNC-controlled
lathes

Special features

- Infinitely variable main drive
- Main modular assembly groups (carriage units) can be exchanged

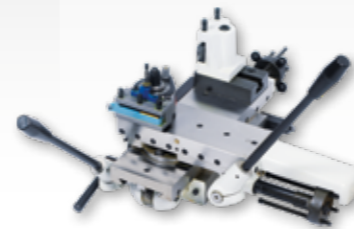
Hand-Operated Lathes

Multifunctional use, with crank, hand-lever or turret head drive.

Model varioline	Swing Ø over bed mm	Swing Ø over carriage mm	Distance betw. centers mm	Spindle bore mm	Drive- capacity kW	Speed- range rpm
RD 250	260	128	400	38	4,6	60 – 3000*
FD 250	260	156	500	38	4,6	60 – 3000*
MD 250	260	156	500	38	4,6	60 – 3000*

* optional 90 – 4500

Accessories



Crosswise lever support



Crank slide rest



Image including options

product line

baseline

VS-G

Special features

- with continuously variable feed drive, with 9-stepped gearbox and GDW 3-axis position display
- Economic, precise, comfortable

Precision Centre Lathe

Compact, precise universal center lathe.

Model baseline	Swing Ø over bed mm	Swing Ø over carriage mm	Distance betw. centers mm	Spindle bore mm	Drive- capacity kW	Speed- range rpm
LZ 280 VS-G	330	190	670	43	1,9/2,4	40 – 3150
LZ 400 VS-G	400	225	1000	62	3,7/4,4	40 – 3150



Image including options

Special features

- Infinitely variable main drive
- Extensive safety package including
- LZ 400: standard back-gear unit for headstock for high torques

Precision Centre Lathes

For use in trade, industry, tool-making, vocational schools and advanced vocational institutions.

Model classicline	Swing Ø over bed mm	Swing Ø over carriage mm	Distance betw. centers mm	Spindle bore mm	Drive- capacity kW	Speed- range rpm
LZ 250SN	290	150	500	43	9,5	30 – 4000
LZ 280S	330	190	670	43	9,5	30 – 4000
LZ 400S	400	225	1000	62	12,5	30 – 3000
LZ 600S	600	400	1000	82/103	15	8 – 2000/8 – 1400
LZ 600S	600	400	1500	82/103	15	8 – 2000/8 – 1400
LZ 600S	600	400	2000	82/103	15	8 – 2000/8 – 1400
LZ 600S	600	400	3000	82/103	15	8 – 2000/8 – 1400



Special features

- Infinitely variable speed range and feed entry via GDW on-screen display
- Power-saving

Precision Centre Lathes

For use in trade, industry, tool-making, vocational schools and advanced vocational institutions.

Model comfortline	Swing Ø over bed mm	Swing Ø over carriage mm	Distance betw. centers mm	Spindle bore mm	Drive- capacity kW	Speed- range rpm
LZ 250VS	290	146	500	43	5,5	30 – 5000
LZ 280VS	330	186	650	43	7,5	30 – 4500/5000
LZ 400VS1	400	225	1000	62	10,5	30 – 4000
LZ 400VS2*	400	225	1000	62	10,5	30 – 3500
LZ 600VS	600	400	1000	82/103	15	8–2000/6–1500
LZ 600VS	600	400	1500	82/103	15	8–2000/6–1500
LZ 600VS	600	400	2000	82/103	15	8–2000/6–1500
LZ 600VS	600	400	3000	82/103	15	8–2000/6–1500

* Headstock with back gear control for high torques.



Special features

- Proven and tested lathe design
- Equipment diversity
- Modern control technology

Cycle and CNC controlled Lathes

for an economic manufacturing of individual and serial components. The equipment ranges from a 2-axes lathe to a lathe for complete processing.

Model conturline	Swing Ø over bed mm	Swing Ø over carriage mm	Distance betw. centers mm	Spindle bore mm	Drive- capacity kW	Speed- range rpm
C 280Z	380	185	650	43	7,5/10	1 – 4500
C 400Z	520	220	1000	62	11,5/15	1 – 3000
350CNC	350	190	400	58	7,5	30 – 6000



Quality – also after your Purchase

The best lathe is only as good as the services offered during and after sales. For this reason, we make a point of our well-trained and competent after-sales service ready to stand by any time in the event you have got questions or requests.

With our well proven and tested concept consisting of short instructions directly on the spot in combination with comprehensive training courses in our modern training center, we prepare your staff to get ready for work at »your« lathes. Our experienced after-sales service is, of course, ready to stand by any time you need us. Our word is our bond!

Retrofit



Your GDW lathe is an investment that pays in the long run. If required, our experienced team will overhaul mechanics and electronics in line with the latest state of the art in the event of changed conditions of use.

Training



Our extensive training concept includes instruction and familiarization directly on the spot and training courses in our training center with special IT seminars – in line with your requirements.

Software



Customized lathes need customized software. We develop the software ourselves for our lathes, with our focus on our customers requirements.

Service



You need spare parts within short for mechanical and electronic components so that production can continue? No problem for GDW, our experienced aftersales service technicians are ready to stand by immediately when you need them. Get in touch with our standby service around the clock and dial our 24-hours hotline.



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Safety and
quality with
seal of
approval.



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