

# GDW

Werkzeugmaschinen



\* depicted lathe including options

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## Precision Centre Lathes

Product line

baseline

**LZ 280 G**



Safety and quality  
with seal of approval.



### Special features:

- Covered leadscrew and feed rod, 9-step gearing and automatic engagement of hand wheel
- Economic, precise, universal
- Toolmaker accuracy in accordance with, DIN 8605, in conformity with CE, made in Germany

### Standard accessories (excerpt)

- LED machine light, integrated into machine casing
- Quick-change tool holder size A with insert AD2090
- Brake system for main drive (spindle brake)
- Sliding chuck guard with limit switch monitoring
- Removable chip protection rear wall
- Movable splash guard
- Removable chip tray
- Single bed trip stop
- Central lubrication
- Set of change gears (number of teeth 21-27-28-33-42-120)



### Werkzeugmaschinen

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Technical Data		LZ 280 G
<b>Working range</b>		
Center height	mm	165
Swing over bed	mm	330
Swing over cross-slide	mm	190
Distance between centers in accordance – with DIN 806 – MT 3	mm	670
Width of bed	mm	220
<b>Work spindle</b>		
Spindle head DIN 55027 (standard)		size 5
Spindle diameter in front bearings	mm	70
Spindle bore	mm	43
Inner taper similar to DIN 228 (short.)		ME 50
Centering point (DIN 806)		MT 3
Diameter of chuck	mm	160 (200)
Max. diameter of face plates & clamping disks	mm	280
Inside diameter of collet (Draw-in collet system 385 E, 386 E)	mm	26
Inside diameter of collet (Front push-out collet system 173 E)	mm	42
<b>Tool slide</b>		
Cross-slide travel	mm	165
Cross-slide width	mm	140
Upper slide travel	mm	115
Upper slide width	mm	98
Swiveling range of upper slide	degree	+75/-65
Cross-section of tool	mm	16 x 16 (20 x 20)
<b>Tailstock with hand wheel</b>		
Stroke of quill	mm	85
Diameter of quill	mm	45
Taper socket DIN 228		MT 3
<b>Drive</b>		
Speed range	rpm	60 – 3000
Optional speed range	rpm	30 – 3000
Number of speeds		18
Drive capacity	kW	1,9/2,5
<b>Tool system</b>		
Basic body with insert AD 2090 = standard accessories		size A (option B)
<b>Feed range</b>		
Longitudinal/transversal feeds (= 0.36 from longitudinal)	mm/r	0,025 – 0,9
Metric thread pitches with standard change gear insert	mm	0,2 – 14
<b>Space required and weight</b>		
Length x width x height	mm	1.540 x 855 x 1450
Weight as per version approx.	kg	1100
<b>Standard painting</b>		
Lathe		light grey RAL 7035
Sliding hood		tele grey 2 RAL 7046