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# GDW

Werkzeugmaschinen



depicted lathe including options

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## Precision Centre Lathes

Product line

baseline VS-G

**LZ 280VS-G**

**LZ 400VS-G**

		LZ 280VS-G	LZ 400VS-G
<b>Working range</b>			
Center high	mm	165	200
Swing over bed	mm	330	400
Swing over cross-slide	mm	190	225
Distance between centers in accordance with DIN 806	mm	670	1000
Width of bed	mm	220	260
<b>Work spindle</b>			
Spindle head DIN 55027	size	5	6
Spindle diameter in front bearings	mm	70	90
Spindle bore	mm	43	62
Inside diameter of collet (Draw-in collet system 385 E, 386 E)	mm	26	26
Inside diameter of collet (Front push-out collet system 173 E)	mm	42	60
Taper bore of the main spindle	metric	50	70
Diameter of chuck	mm	160 (200)	200 (250)
<b>Tool slide</b>			
Cross slide travel	mm	165	210
Top slide travel	mm	115	115
Swivelling range of top slide	degree	+75/-65	+180/-180
Tool system	size	A (B)	B
Chisel shaft height	mm	20	25
Leadscrew pitch	mm	6	6
<b>Main drive</b>			
Drive power	kW	1,9 / 2,4	3,7 / 4,4
Speed range	1/min	40–3150	40–3150
Number of speeds	1/min	18	18
<b>Feed range continuously variable</b>			
Longitudinal feeds	mm/U	0,01–1,0	0,01–1,0
Transversal feeds	mm/U	0,004–0,4	0,005–0,5
Thread pitches metric, Zoll, Modul, DP	mm/U	0,1–52	0,1–52
<b>Tail stock</b>			
Diameter of quill	mm	45	60
Quill stroke	mm	90	110
Taper socket DIN 228	MK	3	4
<b>Space required and weight</b>			
Length x width x height (incl. display) approx.	mm	1550x1035x1450	2100x1080x1650
Weight as per version approx.	kg	1150	1800
<b>Standard painting</b>			
Lathe		light grey RAL 7035	
Splash and chuck guard		tele grey 2 RAL 7046	

### Standard accessories: (excerpt)

- LED-machine light
- Moveable splash guard
- Removable rear panel
- Integrated tool cabinet with telescopic extensions
- Additional service outlet
- Disconnectable lead screw drive
- Safety selector switch for clamp and chuck work

**The acceptance inspection of the lathe is performed in accordance with DIN 8605. Our values clearly fall below the authorized values - another proof of our high quality standard.**  
[www.gdw-drehen.de](http://www.gdw-drehen.de)



Excellent ergonomics



### Details & features of the baseline VS-G

- Continuous feed drive
- 18 speed levels
- Powerful torque
- Energy-efficient
- Optimal smoothness
- Low noise levels
- Covered leadscrew and feed rod
- Automatic handwheel disengagement
- Best usability
- Intuitive, self-explanatory user interface with simple feed and thread entry
- Extensive equipment details
- Economical, precise, valuable
- Highest safety standard



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