

**GDW**

Werkzeugmaschinen



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Ergo-Contoured  
Computer-Aided  
Precision Engine Lathe

Product line

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conturline

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**C 280Z**

Technical Data		C 280Z
<b>Working range</b>		
Distance between centers	mm	650
Swing over bed	mm	360
Swing over cross-slide	mm	185
Traverse of cross-slide	mm	170
Width of bed	mm	260
Cross section of lathe tool (height x width)	mm	20x20
<b>Work spindle</b>		
Spindle head DIN 55027		size 5
Spindle diameter in front bearing	mm	70
Spindle bore	mm	43
Inner taper of main spindle	metric	50
<b>Main drive</b>		
Drive capacity 60% / 100% ED	kW	10/7,5
Speed range	1/min	1–4500
Maximum torque at spindle	Nm	125
<b>Feed range</b>		
Three-phase alternating current – servo drives	mm	85
Longitudinal feedrate force	N	5000
Transversal feedrate force	N	5000
Longitudinal and transversal feed range	mm/R	0,001–60
Max. long./transvers. rapid traverse	m/min	6/6
<b>Thread cutting range</b>		
Metric threads	mm	0,1– 400
Inch threads	Gr./inch	56 – 1/4
Modular threads	mm	0,125 – 28
DP threads	DP	224 – 1
Number of thread grooves	max.	99
<b>Tailstock</b>		
Diameter of quill	mm	50
Stroke of quill	mm	120
Inner taper of quill	MT	3
<b>Weight</b>		
Lathe = one shipping unit	kg	1600
<b>Dimensions</b>		
Length x width x height	mm	1700 x 1450 x 1750
<b>Standard painting</b>		
Machine body		Light grey RAL 7035
Sliding doors		Tele grey 2 RAL 7046
<b>Control</b>		
Siemens		828D ShopTurn/ Manual lathe

The lathe is acceptance-inspected in accordance with  
DIN 8605.

[www.gdw-drehen.de](http://www.gdw-drehen.de)

#### Standard Accessories:

- Quick-change tool post size B with insert BD 25120
- LED machine lamp
- Protective flange for spindle head DIN 55027-5
- Main spindle brake
- Coolant attachment
- Following operator panel
- Sliding doors with safety glass panes



Clearly arranged working area



Roll-out drawer-type chip container



**Werkzeugmaschinen**

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