

GDW

Werkzeugmaschinen



* images including options

Ergo-Contoured
Computer-Aided
Precision Engine Lathe

Product line

conturline

C 280Z

Technical Data

C 280Z

Working range

Distance between centers	mm	650
Swing over bed	mm	380
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	25/20

Work spindle

Spindle head DIN 55027		size 5
Spindle diameter in front bearing	mm	70
Spindle bore	mm	43
Inner taper of main spindle	metric	50

Main drive

Drive capacity 40% / 100% ED	kW	10/7,5
Speed range	1/min	1–4500
Maximum torque at spindle	Nm	125

Feed range

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

Thread cutting range

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

Tailstock

Diameter of quill	mm	50
Stroke of quill	mm	120
Inner taper of quill	MT	3

Tooling Systems

Quick-change tool post size B		Standard
4-station turret tool holder PARAT, size 1		Option
Automatic 12 fold disk turret, tool disk with cylinder shaft take-up in accordance with DIN 69880-20, TK 200/240 mm		Option
Automatic 12 fold disk turret, with 6 driven tools, cylinder shaft take-up in accordance with DIN 69880-20, TK 200/240 mm		Option

Weight

Machine depending on equipment approx.	kg	1600
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Dimensions

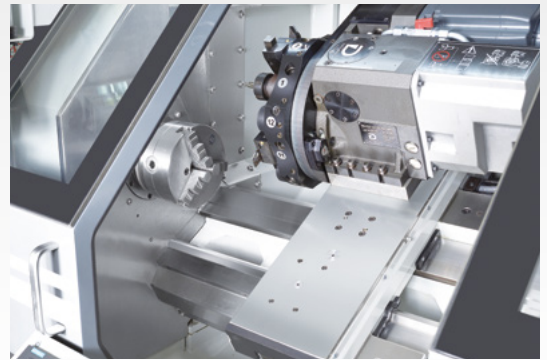
Length x width x height	mm	1700 x 1600 x 1750
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Standard painting

Machine body		Light grey RAL 7035
Sliding doors		Tele grey 2 RAL 7046

Control

Siemens		828D ShopTurn/ Manual lathe
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Clearly arranged working area



Automatic 12-fold disk turret



Roll-out chip container and tool tray



Werkzeugmaschinen

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