

GDW

Werkzeugmaschinen



* depicted lathe including options

Precision Centre Lathes

Product line

classicline

LZ 600 S

Technical Data

LZ 600 VS

Working range					
Center height	mm	300			
Swing over bed	mm	600			
Swing over cross slide	mm	400			
Turning diameter over carriage guideways	mm	590			
Distance between centers acc. to DIN 806	mm	1000/ 1500/ 2000/ 3000			
Width of bed	mm	400			
Height of bed	mm	400			
Turning center over workshop floor	mm	1200			
Work spindle					
Spindle head DIN 55027 (Standard)	size	8 (11)			
Spindle bore	mm	82 (103)			
Inside diameter of collet (push-out coll. sy.)	mm	60			
Inner taper similar to DIN 228	mm	ME 90			
Standard/maximum diameter of chuck	mm	250/ 315 (400)			
Max. face/clamping plate diameter, stepless Tool	mm	500			
slide					
Cross slide travel	mm	315			
Top slide	mm	130			
Swiveling range of top slide	degree	+180/ -180			
Tool system	size	C			
Height of tool shank	mm	35			
Lead screw spindle pitch	mm	12			
Tailstock with hand-wheel					
Stroke of quill	mm	225			
Diameter of quill	mm	90			
Taper socket according to DIN 228		MT5			
Hand-wheel transmission		1:1/ 1:4			
Drive					
Gearsteps		3			
U speed range, stepless	rpm	8–62 (8–47)			
V speed range, stepless	rpm	62–500 (47–375)			
W speed range, stepless	rpm	250–2000 (188–1400)			
Drive capacity (100% ED)	kW	15			
Feed range					
Longitudinal feeds	mm/rev	0,01–20			
Cross feeds	mm/rev	0,005–8			
Thread pitches: metric, inch, modular, DP	mm	0,10–100			
Space requirement and weight					
Length x width x height (incl. screen)	Distance betw. centers	1000	1500	2000	3000
	mm	2700 x 1650 x 2000	3200 x 1650 x 2160	3700 x 1650 x 2000	4700 x 1650 x 2000
Weight as per version approx.	kg	2700	2900	3100	3800
Standard painting					
Structure varnish		RAL 7035 grey/ Telegrey 2 RAL 7046			



Tailstock with coupling to bed slide and 1:1 and 1:4 reductions for movement of quill



Following operating elements on bed slide inclusive speed display



Werkzeugmaschinen

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The acceptance of the lathe is performed in accordance with DIN 8606
 Our values clearly fall below the authorized values – another proof of our high quality standard.