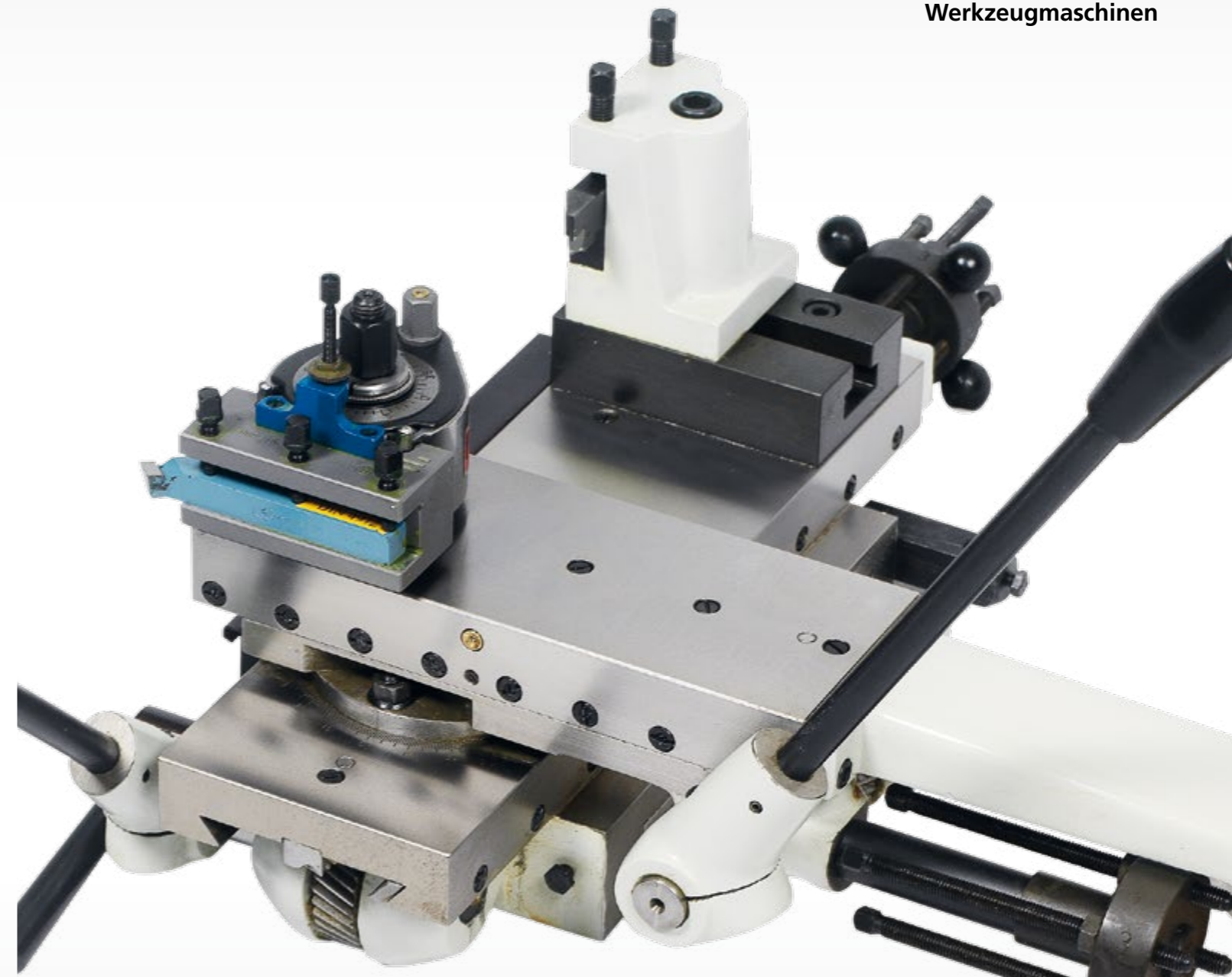


## Technical Data

		MD250	FD250	RD250 (S8)
<b>Working range</b>				
Center height	mm	125	125	125
Distance between centers	mm	500		
Maximum distance between spindle nose and turret head	mm			400
Turning diameter over bed	mm	260	260	260
Turning diameter over cross slide	mm	156	156	
Turning diameter over cut off slide	mm			128
<b>Work spindle</b>				
Spindle head DIN 55027	size	4	4	4
Spindlebore	mm	38	38	38
I. D taper similar to DIN 228		MK 5	MK 5	MK 5
Bar capacity	mm	26	26	26
Spindle speed				
variable up to	rpm	60 - 3.000		
<b>Drive</b>				
Regulated AC-drive 100% ED, 70 Hz	kW	4,6	4,6	4,6
<b>Working travel</b>				
Travel of longitudinal slide	mm	120	80	
Travel of cross slide	mm	120	80	
Travel of turret slide	mm			100
Cut off slide travel	mm			90
Stroke of tailstock quill	mm	82	100	
Turret tool holder shaft				6 x 3/4"
<b>Space requirement and weight</b>				
Length x width x height	mm	1300 x 700 x 1.400		
Weight as per version approx.	kg	490	510	520
Connected load	kW	9	9	9
<b>Standard painting</b>				
Varnish		RAL 7035 lichtgrau		

**GDW** made for  
**Safety**

**GDW**  
Werkzeugmaschinen



## Hand-operated Lathe

Multifunctional use, with crank, hand-lever or turret head drive

Productline

**varioline**

**MD 250**

**FD 250**

**RD 250**

**RD 250 S8**

**GDW**  
Werkzeugmaschinen

The acceptance of the lathe is performed in accordance with DIN 8605 / DIN 8610. Our values clearly fall below the authorized values – another proof of our high quality standard.

GDW Werkzeugmaschinen GmbH  
Große Bauerngasse 58  
91315 Höchstadt a.d. Aisch/ Germany  
[www.gdw-drehen.de](http://www.gdw-drehen.de)

Phone +49 9193/508 79-0  
Fax +49 9193/508 79-30  
Email [info@gdw-drehen.de](mailto:info@gdw-drehen.de)

2016-364/1.000

## MD 250

### Details und features

- Swivel-mounted upper slide
- Adjustable scale rings, chromium plated, mat finish Upper slide adjustment for taper turning
- Anti-rotation element for tools with flat tang in the tailstock spindle sleeve
- Selector switch for electrical arresting device



## RD 250

### Details und features

- Stepless variation of feed speed for turret slide with feed drive
- 6-station angular turret slide with  $\varnothing \frac{3}{4}$ " pick-ups
- Precision bearing of main spindle, adjustable cylindrical roller ball bearing for utmost rigidity and pre-loaded angular ball bearing for high spindle speeds



## FD 250

### Details und features

- Drilling tailstock with lever, collet fixture and longitudinal trip stop
- Ergonomic operation of tailstock clamping
- Cross support with lever and 4-way deflection into longitudinal and transversal directions
- Headstock with different collet clamping systems (for draw-in collet chucks 5C: 385E, K32: DIN 6341 and push-type collet chucks DIN 6343-32 161 E)



## RD 250 S8

### Details und features

- Teach-In for v-constant function at cross slide and recessing tool slide
- Technology memory for 6 tools with different main spindle speeds
- Speed and turning direction control for cutting of left-hand and right-hand threads



## varioline

### The modular line

Individual configuration, for complete processing and finishing work



**Machine base** with space for electrical components, coolant reservoir, detachable chip container and tool cabinet for accessories.



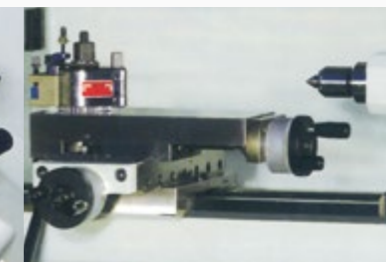
Vibration-absorbing **Direct drive** to main spindle, stepless solenoid brake for main spindle, and spindle stop for Emergency-Off.



**Manual turret** with automatic feed drive (optional)



**Tool slide** made from grey cast iron with scraped carriage guideways; the guideways are lubricated via nipples



**Cross support** with crank and swivel-mounted upper slide; swiveling range  $\pm 40^\circ$