

# GKM 1412-500 R



CIRCULAR GRINDERS

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## SPECIFICATIONS

height of center	100 mm
distance between center	520 mm
max. grinding length	500 mm
grinding diameter	125 mm
Workpiece weight max.	100 kg
Inside grinding diameter	10 - 40 mm
Inside grinding depth	50 mm
table feed, stepless	0,05 - 4,5 m/min
table swivel-mounted right + left	9 °
Headstock speed range	300 - 1040 min-1 (6 steps)
range of swivel	R + L: ± 45°
Cone of spindle	MK 4
Grinding spindle speed	1800 min-1
max speed internal grinding	17000 min-1
spindel	
swivel range of grinding	± 180 °
headstock	
feed per revolving Handwheel	0,5 mm
Hand feed per gra	0,0025 mm
konus of tailstock quill	MK 2
Tolerance in chuck outside	0,005 mm
Tolerance in Chuck inside	0,005 mm
Tolernace between centers	0,003 mm / 0,00012"
surface roughness outside	ra < = 0,32 µm Ra
roughness inside	ra < = 0,64 µm Ra
drive power of the machine	3,475 KW
size of grinding discs	300 x 40 x 127 mm
weight	2.100,00 kg
dimensions	2240x1160x1300 mm

## EQUIPMENT

- » optimal Price - Performance Ratio
- » more precise adjustable Head
- » Stable Apron for best possible Processing result
- » hydraulic Longitudinal feed stepless adjustable
- » longitudinal movement of the Grinding Head manual and Hydraulic
- » accuracy according DIN for circular grinders



## ACCESSORIES

standard accessories: 3-jaw chuck Ø 125 mm, cooling device, Grinding wheel dresser, balancing stand, live center, inside grinding device, workpiece driver, Operating tool, manual