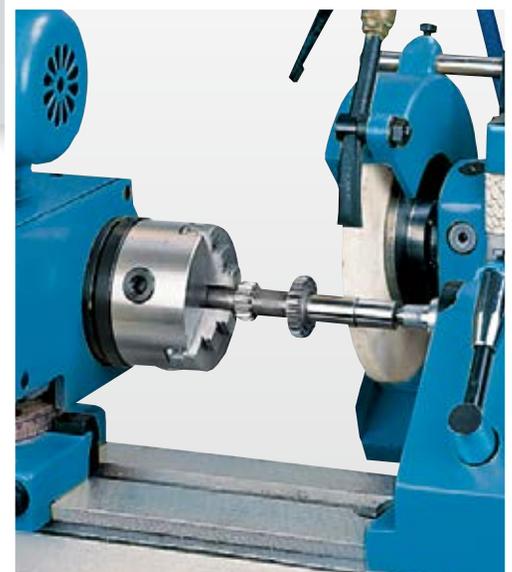




**Smallest footprint possible! Ideal for tool and die construction, mechanical production, design processes, laboratories and training.**

- The functionality of the Multi-Grind ranges from external and internal cylindrical grinding to taper grinding. The Multi-Grind also allows easy tool grinding (sharpening of cutters, reamers and turning tools) and is suitable for light surface grinding jobs
- Feed Drives  
Hydraulic table feed (longitudinal) with automatic change of direction. An additional manually operated longitudinal feed with hydraulic support allows feed speeds up to 7 m/min.
- Grinding Headstock  
Special grinding headstock design allows simultaneous setup of 2 different grinding wheels. The grinding headstock can be moved in transverse direction and also vertically; and it can be rotated around the vertical axis.



Outside cylindrical grinding for lengths up to 400 mm

## Standard Equipment

coolant system, exhaust vacuum, tool mount / indexing head MT 4, internal grinding unit including 2 die grinders, 4 grinding wheels, 3-jaw chuck Ø 100 mm, left tailstock, right tailstock MT 2, center point, half center points, balancing station, spindle extension, vise for surface grinding (3-D angle adjustment), spring stop, 5 drivers, various splash guards, grinding wheel guard (2x), automatic central lubrication, operator manual, test certificate

## Specifications

### Working area

	mm	Multi Grind
Workpiece diameter	mm	200
Workpiece length (max.)	mm	500
Outside grinding measure, maximum	mm	Ø 5-50 x 400
Inside grinding measures, optimal	mm	Ø 10-50 x 75
Tool grinding measure	mm	200x500
Surface grinding dimensions	mm	200x50
Workpiece weight (max.)	kg	10
Table swivel range (max.)		+45° / -30°

### Travels

Max. longitudinal table travel	mm	480
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### Feed

Transverse adjustment per hand-wheel turn fine / rough	mm	1 / 4
Scale division of transverse feed fine / rough	mm	0,005 / 0,02
Scale division of height adjustment	mm	0,01
Longitudinal feed speed (hydraulic)	m/min	0,01-6
Manual, hydraulic assist	m/min	7

### Headstock

Working headstock swivel range		± 90°
Working spindle speed	rpm	(3) 110 - 300
Working spindle taper		MT 2
Chuck diameter	mm	100

### Grinding headstock

Grinding spindle speed	rpm	2.500
Inside grinding spindle speed	rpm	13.500
Grinding headstock swivel range		± 90°
Grinding headstock - vertical / - transverse	mm	200

### Tailstock

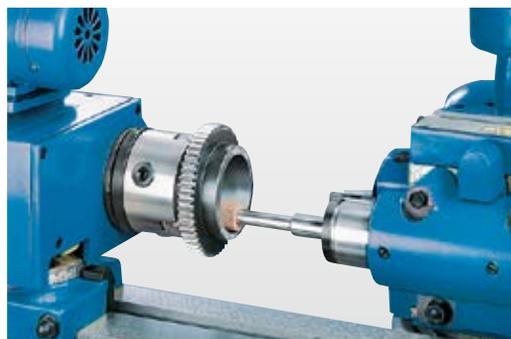
Height adjustment per handwheel rotation	mm	1
Tailstock taper		MT 2
Tailstock quill stroke	mm	14

### Drive capacity

Total drive capacity	kW	2,525
Grinding wheel motor rating	kW	1,1

### Measures and weights

Grinding wheels dimensions	mm	200x20x75
Pencil grinders	mm	Ø 25x20x6 / 10x10x3
Overall dimensions (length x width x height)	m	1,52x1,35x1,4
Weight	kg	1.300
Part No.		102781



High-speed inside cylindrical grinding



Rigid angle-adjustable workpiece mounts



Swiveling headstock and extensive accessories



Saw blade sharpening



Surface grinder with angular adjustable vise