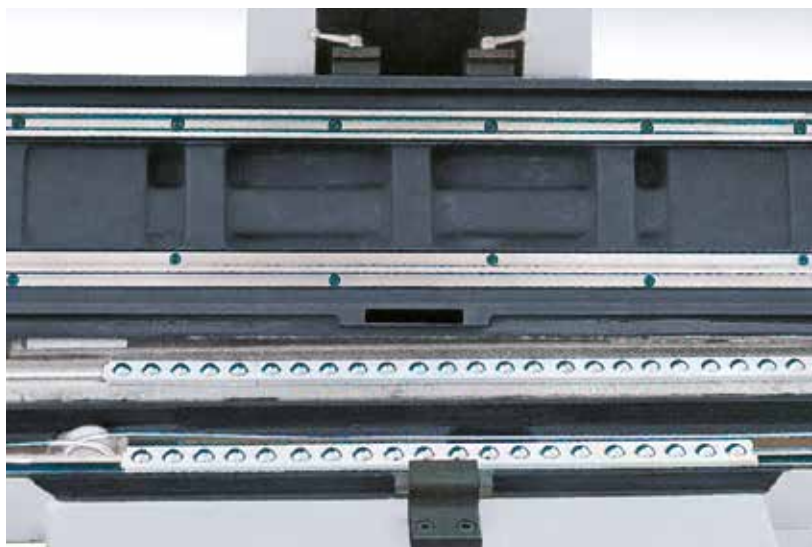




- spindle resists high loads; mounted in pre-loaded angular deep-groove ball bearings ensures low-vibration operation, high accuracy, increased lifetime and low maintenance
- completely leak-proof and balanced spindle motor with high load capacity
- solid, vibration-absorbing construction
- V- and flat guides in X and Y directions for consistently high accuracy
- longitudinal table movement over linear ball guide; linear roller guideway
- adjustable hand wheel scales for vertical and transverse adjustments allows zeroing at any position
- central lubrication
- grinding parallelism 0,005 mm / 300 mm



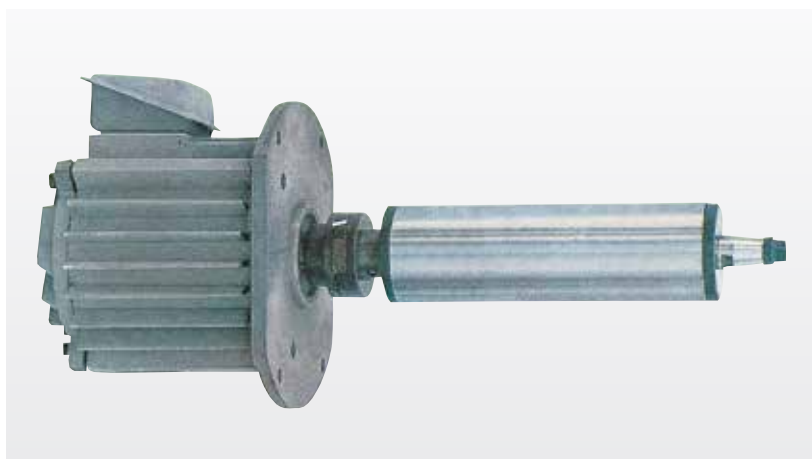
Permanent magnetic clamping plates with micro pole pitch - ideal for high-precision grinding work



Linear ball guide for guide for smooth table travel



Angle-adjustable grinding vise (standard equipment)



Main spindle drive with advanced precision bearing



PSG 50 is shown (optional)

Specifications

FSM 480

Working area		
Table dimensions	mm	210x450
Spindle axis-to-table surface distance	mm	450
Travels		
Travel X-axis	mm	480
Travel Y-axis	mm	230
Travel distance per hand-wheel rotation, X-axis	mm	5
Travel distance per hand-wheel rotation, Y-axis	mm	5
Travel distance per hand-wheel rotation, Z-axis	mm	1
Feed		
Scale ring division X-axis	mm	0,02
Scale ring division Y-axis	mm	0,02
Scale ring division Z-axis	mm	0,005
Accuracies		
Roughness	µm Ra	>= 0,63
Drive capacity		
Motor rating main drive	kW	1,5
Measures and weights		
Grinding wheel dimensions	mm	200x13x32
Weight	kg	730
Part No.		122802

Standard Equipment

exhaust vacuum, work lamp, magnetic clamping plate 125 x 300 mm, diamond dresser, balancing shaft, balancing station, angle - adjustable grinding vise, grinding wheel dresser holder, operating tools, operator manual

Options

Part No.

• Coolant Concentrate 5 Ltr.	103184
• PSG 50	128826
• Parallel Gauge-Block Set, 83 pc.	129000
• Measuring Tool Set M5	108344
• Precision Angle V-Blocks	128930
• Magnetic V-Block I	108880
• Hydraulic measuring tripod	108810