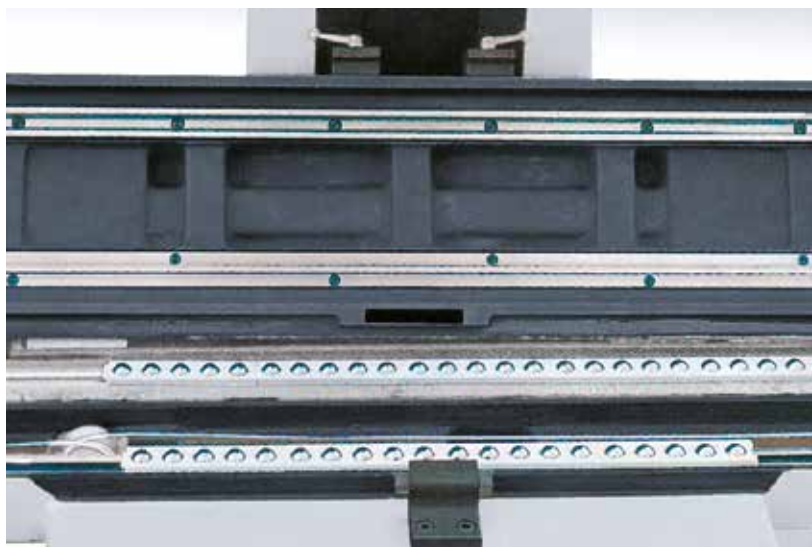




- Spindle resists high loads; mounted in pre-loaded angular deep-groove ball bearings ensures low-vibration operation, high accuracy, increased lifetime and low maintenance
- Completely leak-proof and balanced spindle motor with high load capacity
- Solid, vibration-absorbing construction
- V- and flat 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 0.0002" / 12"



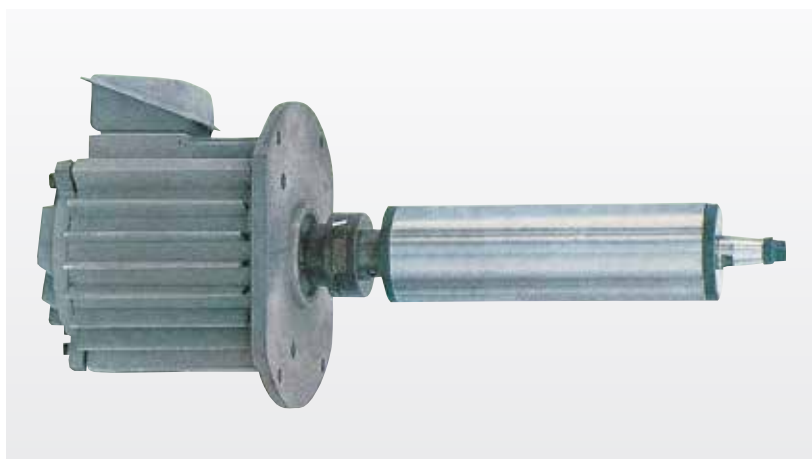
Permanent magnetic clamping plates with micro pole pitch - ideal for high-precision grinding work



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	in 8x18
Spindle axis-to-table surface distance	in 17.72
Travels	
Travel X-axis	in 18.9
Travel Y-axis	in 9
Travel distance per hand-wheel rotation, X-axis	in 0.2
Travel distance per hand-wheel rotation, Y-axis	in 0.2
Travel distance per hand-wheel rotation, Z-axis	in 0.04
Feed	
Scale ring division X-axis	in 0.00079
Scale ring division Y-axis	in 0.00079
Scale ring division Z-axis	in 0.0002
Accuracies	
Roughness	µm Ra >= 0,63
Drive Capacity	
Motor rating main drive	Hp 2
Measures and Weights	
Grinding wheel dimensions	in 7.87x0.51x1.26
Weight	lbs 1,606
Part No.	122802

Standard Equipment

exhaust vacuum, work lamp, magnetic clamping plate 5"x11.75", 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