

MMBZ1320B

精密外圆自动测量磨床



机床用途与性能特征

- 本机床适用于大批量加工轴类零件，具有高效率，高节奏，高精度及自动检测功能，该机床具有性能好，工作可靠、外形美观大方等特点。
- 本机床配置日本技术生产的在线测量系统及主动测量仪，其磨削1000件零件尺寸分散度可控制在0.003mm以内。
- 本机床适用于汽车、拖拉机、摩托车、缝纫机、油嘴油泵等行业中大批量生产及生产线之用。
- 本机床采用自动检测控制磨削形式：快速趋近→粗磨→精磨→弹性磨削。其磨削量可方便地在“微机数显主动测量仪”上任意输入加工数据。

Main Applications and Structural Features

- The machine is applied for batch production of shaft-like parts. It has high efficiency, high speed, high accuracy and automatic test functions as well as features of fine performances, reliable operation and good appearance.
- On-line measuring system for machine control produced by employing Japanese technology and active measuring instrument equipped to control degree of dimensional dispersion of 1000 ground parts to <0.003mm.
- The machine is suitable for mass production and production line in the automobile, tractors, motorcycles, sewing machines, oil nozzles and pumps manufacturing trades, etc.
- The machine adopts the grinding mode under testing and control: rapid approach→coarse grinding→fine grinding→elastic grinding. Ground allowance can be easily set by entering any selected data on the "MC digit-display active measuring instrument".

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技术规格参数 Specifications and Technical Parameters

最大磨削直径 Max. diameter to be ground	200mm
最小磨削直径 Min. diameter to be ground	8mm
最大磨削长度 Max. length to be ground	520/750mm
顶尖中心距 Distance between centers	520/750mm
中心高 Heigh of center	125mm
最大工件重量 Max. workpiece weight	50kg
砂轮规格 Maximum diameter of grinding wheel	Φ400×(40~50)×Φ203mm
电机总容量(500mm,750mm) Total power motor	4.24kw
机床外形尺寸(500mm,750mm) Overall dimensions of the machine(L×W×H)	2000×1420×1600/2700×1420×1600
机床重量(500mm,750mm) Weight of the machine	2500/2900kg

机床主要附件 Main Accessories

1 冷却液箱 Coolant tank	1套set
2 砂轮修整器 Grinding wheel dresser	1套set
3 开式中心架 Center rest. open type	1套set
4 砂轮平衡轴 Wheel balancing stand	1套set
5 顶尖 Center	2件piece
6 半缺顶尖 Half center	2件piece
7 桃子夹头 Driving dog	1套set
8 三角皮带、多楔带、平皮带 V belt, Poly-V belt, Flat belt	各2件pieces each
9 垫铁 Levelling wedge (fulcrum base)	3件pieces
10 松卸螺帽 Unlocked nut	1件piece
11 砂轮夹板 Wheel fixers	2套set
12 内六角套筒扳手 Hex socket wrench	1件piece

特殊定货附件 Extra Accessories

1 圆弧修整器 Circular wheel dresser	1套set
2 砂轮平衡架 Wheel balancing stand	1套set

机床工作精度 Working Accuracy

圆度 Roundness	0.001mm
圆柱度 Cylindricity	0.004mm
粗糙度 Roughness	Ra≤0.04 μm

安装基础图 Foundation Layout

