



WX-M2-60 Machine features:

- * Width of grinding wheel guide wheel is 125mm, with larger grinding amount and better stabilit.
- * Layout of the machine adopts the single - sided movement mode of regulating wheel frame.
- * Sand wheel shaft adopts overhang structure, so it is convenient to replace the grinding wheel.
- * Guide wheel shaft adopts overhang structure, easy to replace guide wheel.
- * Regulating wheel adopts frequency conversion to adjust the speed, which can realize the feed speed of the workpiece with different diameter.
- * Machine tool is equipped with cutting mechanism, which can realize grinding of step surface and cone surface.
- * Machine tool can be equipped with a long workpiece through grinding bracket.
- * Machine can be matched with a variety of automatic feeding equipment and automatic manipulator.

Main purpose and scope of application:

* In addition to grinding with grinding wheel, PVA polishing wheel can be used to highlight and wet polish the workpiece.

* It is mainly used for grinding the cylindrical surface of various ring and shaft parts, and for semi-automatic and automatic cutting-grinding of various stepped, tapered and cylindrical rotating surfaces.

Main technical parameters

WX-M2-60 Centerless Grinding machine		
Longitudinal feed grinding	Grinding workpiece diameter	0.8-60mm
	Grinding length (max)	1000mm
Horizontal feed grinding	Grinding workpiece diameter	2-60mm
	Grinding length (max)	125mm
Grinding wheel specification		P350*125*127
Guide wheel specification		P250*125*75
Grinding wheel rotating speed		2000r/min
Guide wheel rotating speed		stepless5-240r/min
Guide wheel rotary angle	In the vertical plane	-2° -5°
	In the horizontal plane	-10°-10°
Standard test bar grinding accuracy (ø 20 × 75)	Roundness	2 μ m
	Cylindricity	3 μ m
	Roughness	Ra0.2 μ m
Grinding feed		Feed amount of each grid of dial 0.002mm
Cooling pump flow		25L/min
Equipment power 5KW	Grinding wheel motor	4.0kw
	Guide wheel motor	0.75kw
	Cooling pump motor	0.09kw
Machine tool lead-in power supply		Three phase four wire 380V 50Hz
Machine dimension		1300*960*1300mm
Machine tool weight approx		1000kg