

# CNC Glass Rod Shaping Grinder

## ■ Product Description

The CNC glass rod shaping grinder uses a CNC machining center as the basic structure. It is equipped with a professional emery grinding head and a special tooling fixture to achieve high-precision grinding of the shape of the glass rod.

## ■ Product Features

- Four-axis CNC system, fully automatic processing, easy to operate and learn
- CNC cast iron bed, mature structure, stable and reliable
- High-precision lead screw, equipped with heavy-duty guide rails and forced lubrication to ensure high accuracy and long service life of the machine tool
- High-precision and high-rigidity BT40 spindle, stable operation and anti-knife vibration
- Standard lubrication system, water cooling system, semi-enclosed structure



## ■ Product Specifications

Project	Unit	Index
Workbench area (W × L)	mm	1800×420
Left and right travel (X axis)	mm	1200
Front and rear travel (Y axis)	mm	500
Up and down stroke (Z axis)	mm	500
Total electrical capacity of machine tool	KVA	15
Cooling pump flow	m <sup>3</sup> /h	1
positioning accuracy	mm	0.015/300
Repeatability	mm	0.01/300
Spindle speed range	r/min	200-18000
X/Y axis feed motor maximum speed	r/min	2500
Z- axis feed motor maximum speed	r/min	2000
Machine tool dimensions	mm	2250×1700×2200
Machine weight (approx.)	kg	2400
Ambient temperature requirements	°C	0°C ~ 40°C