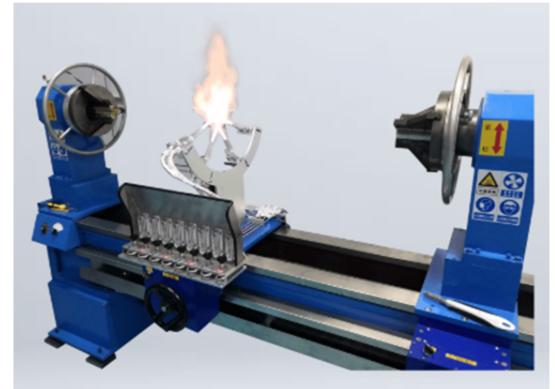


## Collapse Lathe

### Product Description

This collapse lathe is specially used for heat treatment of optic fiber prefabricated tube-rod. It is suitable for hot working processes such as melting, drawing, taper drawing, nozzle and polishing of quartz tube-rod with outer diameter below  $\Phi 50\text{mm}$ . The machine tool bed is cast with cast iron, which can effectively reduce the process error caused by mechanical interference. And the software of this equipment is independently developed, with expandable function, simple and convenient to operate.



### Product Characteristics

- Cast iron bed.
- High precision linear guide rail.
- The spindle stepless speed regulation.
- Special glass blowtorch with hydrogen and oxygen flame.
- Flexible switching of manual/automatic functions.
- The firepower and focal length of blowtorch can be adjusted.
- Turning claw for easy replacement and daily calibration.

### Product Specifications

Features	Unit	Index
<b>Diameter range for tube and rod processing</b>	mm	1800×420
<b>Maximum distance between chucks of headstock and tailstock</b>	mm	1200
<b>Spindle speed</b>	mm	500
<b>Moving speed of the blowtorch holder</b>	mm	500
<b>Pressure control range</b>	KVA	15
<b>Equipment power</b>	m <sup>3</sup> /h	1
<b>Equipment weight</b>	mm	0.015/300
<b>Dimensions</b>	mm	0.01/300